

Converting Colors

$Yxy(95.1084, 0.3052, 0.3287)$

Have a look what the booklet for
Yxy(95.1084, 0.3052, 0.3287)
contains.

Yxy(95.1743, 0.3053, 0.3290)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(95.1743, 0.3053, 0.3290)

Conversions

Conversions Part 1

Format	Color
Hex	F0FCFC
RGB	240, 252, 252
RGB Percent	94%, 99%, 99%
CMY	0.0587, 0.0118, 0.0119
CMYK	0.05, 0.00, 0.00, 0.01
HSL	180°, 67%, 96%
HSV	180°, 5%, 99%
XYZ	88.3183, 95.1743, 105.7910
YIQ	248.4120, -7.1520, -2.5440

Conversions

Conversions Part 2

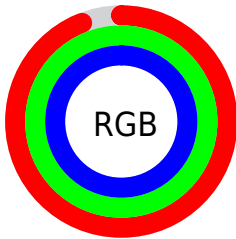
Format	Color
R _Y B	240, 246, 252
Decimal	15793404
CIE Lab	98.10, -3.91, -1.36
CIE LCh	98, 4.142, 199.151
Yxy	95.1743, 0.3053, 0.3290
Android (android.graphics.Color)	4293983484 (0xFFFF0FCFC)
YUV	248.4120, 1.7689, -7.3773
Hunter-Lab	97.5573, -9.1299, 3.9961

Details

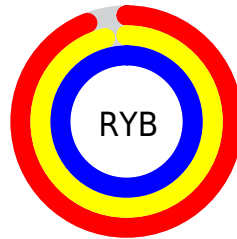
The Yxy color 95.1743, 0.3053, 0.3290 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 89.3231, 0.3206, 0.3290, and the grayscale version is 94.2177, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.1607, 0.3040, 0.3290 is the 20% darker color. If you saturate the color by 10%, you get 91.0660, 0.2903, 0.3290, and if you desaturate by 10%, it is 97.9125, 0.3146, 0.3290.

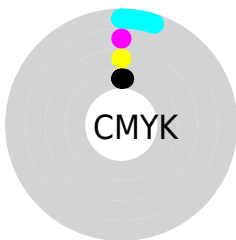
Distribution



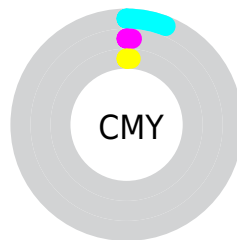
- Red (94%)
- Green (99%)
- Blue (99%)



- Red (94%)
- Yellow (96%)
- Blue (99%)



- Cyan (5%)
- Magenta (0%)
- Yellow (0%)
- Black (1%)




- Cyan (6%)
- Magenta (1%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.1743, 0.3053, 0.3290 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 95.1743, 0.3053, 0.3290 by changing the saturation by 10% instead.


 95.1743, 0.3053,
0.3290

 95.1743, 0.3053,
0.3290


544.7228, 0.3086,
0.3290

 72.2801, 0.3046,
0.3290


154.5054, 0.3064,
0.3290

 53.3875, 0.3037,
0.3290

191.7110, 0.3068,
0.3290

 38.1122, 0.3027,
0.3290


234.4559, 0.3072,
0.3290

 26.0698, 0.3013,
0.3290

283.1244, 0.3076,
0.3290

 16.8758, 0.2995,
0.3289

338.1010, 0.3079,
0.3290

 10.1460, 0.2971,
0.3289

399.7700, 0.3081,

 5.4959, 0.2936,

0.3290

0.3288

468.5158, 0.3084,
0.3290

■ 2.5410, 0.2881,
0.3287

■ 0.8971, 0.2773,
0.3286

■ 95.1743, 0.3053,
0.3290

■ 95.1743, 0.3053,
0.3290

■ 91.0660, 0.2903,
0.3290

■ 97.9125, 0.3146,
0.3290

■ 87.5411, 0.2763,
0.3290


■ 97.9158, 0.3145,
0.3289

■ 84.5767, 0.2636,
0.3291

■ 97.9192, 0.3145,
0.3289


■ 82.1440, 0.2525,
0.3291


■ 97.9225, 0.3145,
0.3288

 80.2115, 0.2432,
0.3291


 97.9258, 0.3145,
0.3288


 78.7443, 0.2359,
0.3292


 97.9291, 0.3144,
0.3287


 77.7033, 0.2305,
0.3292

 97.9324, 0.3144,
0.3287

 77.0428, 0.2271,
0.3293

 97.9358, 0.3144,
0.3286

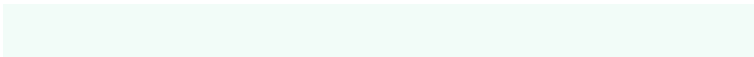
 76.7067, 0.2253,
0.3293

 97.9391, 0.3143,
0.3286

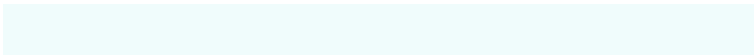
Harmonies

Analogous

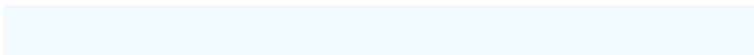
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.1743, 0.3087, 0.3330



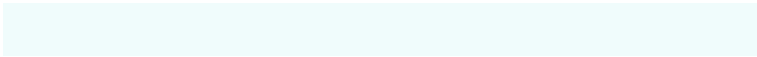
95.1743, 0.3053, 0.3290



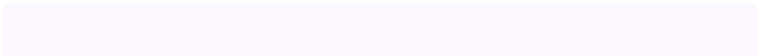
95.1743, 0.3039, 0.3250

Triad

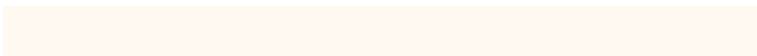
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



95.1743, 0.3053, 0.3290



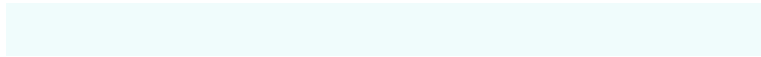
95.1743, 0.3122, 0.3222



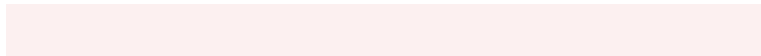
95.1743, 0.3207, 0.3358

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



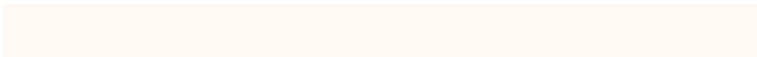
95.1743, 0.3053, 0.3290



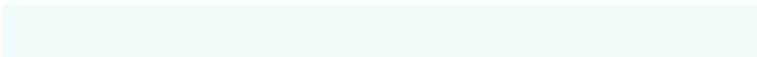
89.3231, 0.3206, 0.3290

Split Complementary

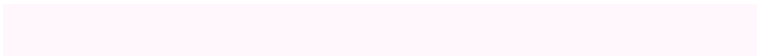
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.1743, 0.3217, 0.3329



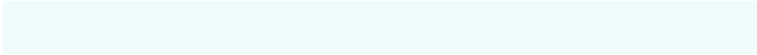
95.1743, 0.3053, 0.3290



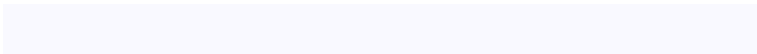
95.1743, 0.3167, 0.3251

Square

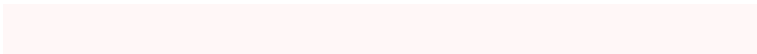
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



95.1743, 0.3053, 0.3290



95.1743, 0.3078, 0.3212



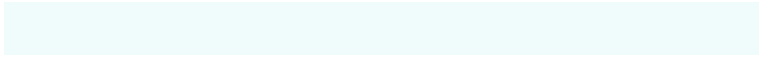
95.1743, 0.3202, 0.3290



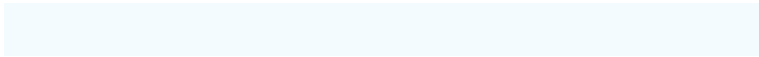
95.1743, 0.3176, 0.3370

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95.1743, 0.3053, 0.3290



95.1743, 0.3042, 0.3230



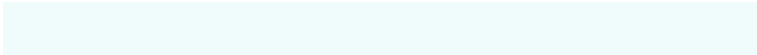
95.1743, 0.3202, 0.3290



95.1743, 0.3213, 0.3350

Sweetspot

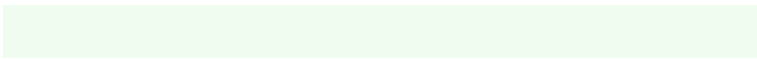
The Sweet Spot groups the original color and five complimentary colors.



95.1783, 0.3053, 0.3290



99.5192, 0.3111, 0.3290



94.4790, 0.3123, 0.3409



21.3063, 0.3112, 0.3290



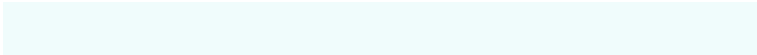
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

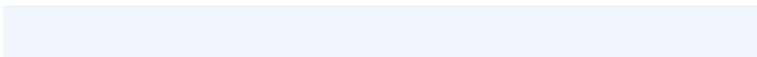
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.1783, 0.3053, 0.3290



97.2108, 0.3034, 0.3290



91.5981, 0.3054, 0.3233



19.8605, 0.3024, 0.3290



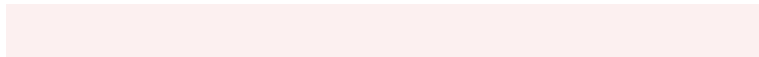
39.9104, 0.2248, 0.3294



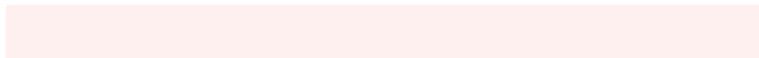
3.6966, 0.2248, 0.3293

Inverse Universe

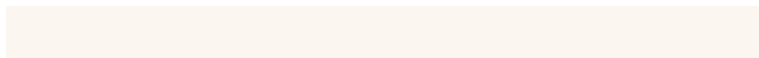
The Inverse Universe completely reimagines the original color for something new.



89.3231, 0.3206, 0.3290



89.6790, 0.3228, 0.3290



92.7861, 0.3202, 0.3347



18.1601, 0.3240, 0.3290



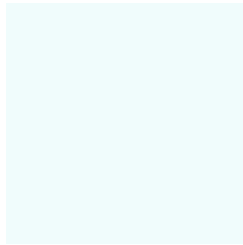
10.7813, 0.6399, 0.3299



0.9987, 0.6393, 0.3296

Previews

White Background



This preview shows how the Yxy color 95.1743, 0.3053, 0.3290 looks on a white background.

Color Contrast Check

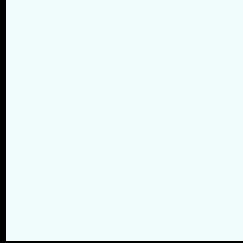
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 95.1743, 0.3053, 0.3290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

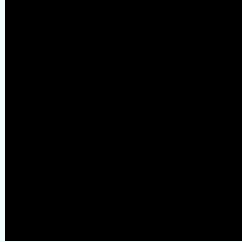
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 95.1743, 0.3053, 0.3290

Background



This preview shows how black text looks on a background with the Yxy color 95.1743, 0.3053, 0.3290.

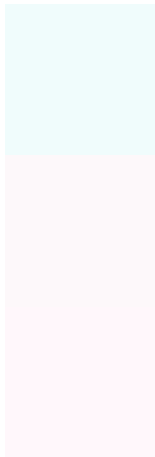


This preview shows how white text looks on a background with the Yxy color 95.1743, 0.3053, 0.3290.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

95.1743, 0.3053, 0.3290

Protanopia

94.9196, 0.3147, 0.3271

Deuteranopia

94.7466, 0.3155, 0.3252

Tritanopia

94.9278, 0.3086, 0.3232

Trichromacy



Original Color

95.1743, 0.3053, 0.3290

Protanomaly

94.6729, 0.3109, 0.3271

Deuteranomaly

95.0404, 0.3122, 0.3271

Tritanomaly

94.9394, 0.3073, 0.3251

Monochromacy



Original Color

95.1743, 0.3053, 0.3290

Achromatopsia

93.8686, 0.3127, 0.3290

Achromatomaly

94.0034, 0.3102, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.1743, 0.3053, 0.3290 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(240, 252, 252)` looks like.

```
.text, #text, p{  
    color:rgb(240, 252, 252)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(240, 252, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 252, 252) }
```

Border

The CSS property to change the border of an element to Yxy 95.1743, 0.3053, 0.3290 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(240, 252, 252) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(240, 252, 252) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(240, 252, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 252, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 252, 252);  
box-shadow:4px 4px 4px 4px rgb(240, 252,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 95.1743, 0.3053, 0.3290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 252, 252) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(240,  
252, 252) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor