

Converting Colors

$Y_{xy}(95.2232, 0.3038, 0.3257)$

Have a look what the booklet for
Yxy(95.2232, 0.3038, 0.3257)
contains.

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Color

Yxy(95.3661, 0.3036, 0.3260)

Conversions

Conversions Part 1

Format	Color
Hex	F0FCFF
RGB	240, 252, 255
RGB Percent	94%, 99%, 100%
CMY	0.0586, 0.0118, 0.0000
CMYK	0.06, 0.01, 0.00, 0.00
HSL	192°, 100%, 97%
HSV	192°, 6%, 100%
XYZ	88.8133, 95.3661, 108.3546
YIQ	248.7540, -8.1150, -1.6110

Conversions

Conversions Part 2

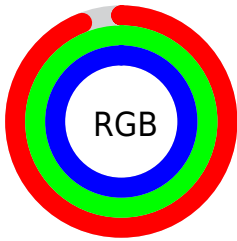
Format	Color
R _Y B	240, 247, 255
Decimal	15793407
CIE Lab	98.18, -3.33, -2.81
CIE LCh	98, 4.362, 220.174
Yxy	95.3661, 0.3036, 0.3260
Android (android.graphics.Color)	4293983487 (0xFFFF0FCFF)
YUV	248.7540, 3.0793, -7.6773
Hunter-Lab	97.6556, -8.5595, 2.5731

Details

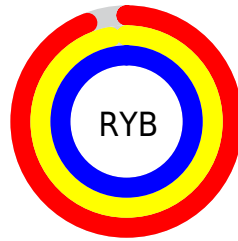
The Yxy color 95.3661, 0.3036, 0.3260 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 91.6997, 0.3224, 0.3320, and the grayscale version is 94.5064, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.2978, 0.3019, 0.3252 is the 20% darker color. If you saturate the color by 10%, you get 88.0271, 0.2883, 0.3206, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

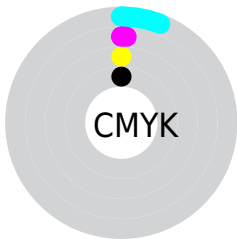
Distribution



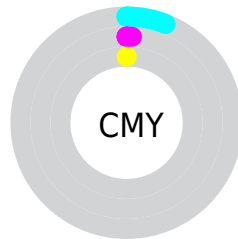
- Red (94%)
- Green (99%)
- Blue (100%)



- Red (94%)
- Yellow (97%)
- Blue (100%)



- Cyan (6%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)





- Cyan (6%)
- Magenta (1%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 95.3661, 0.3036, 0.3260 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 95.3661, 0.3036, 0.3260 by changing the saturation by 10% instead.


 95.3661, 0.3036,
0.3260

 95.3661, 0.3036,
0.3260


545.3363, 0.3076,
0.3273

 72.4397, 0.3027,
0.3257


154.7703, 0.3050,
0.3265

 53.5180, 0.3017,
0.3253

192.0169, 0.3055,
0.3266

 38.2164, 0.3004,
0.3249


234.8057, 0.3060,
0.3268

 26.1507, 0.2987,
0.3243


283.5210, 0.3064,
0.3269

 16.9364, 0.2966,
0.3236

338.5474, 0.3067,
0.3271

 10.1892, 0.2936,
0.3225

400.2692, 0.3071,

 5.5246, 0.2893,

0.3272

0.3210

469.0707, 0.3073,
0.3273

■ 2.5582, 0.2826,
0.3185

■ 0.9057, 0.2702,
0.3140

■ 95.3661, 0.3036,
0.3260

■ 95.3661, 0.3036,
0.3260

■ 88.0271, 0.2883,
0.3206

100.0000, 0.3127,
0.3290

■ 81.3736, 0.2734,
0.3146

■ 75.3794, 0.2593,
0.3081

■ 70.0140, 0.2463,
0.3013

■ 65.2438, 0.2348,
0.2942

■ 61.0318, 0.2250,
0.2868

■ 57.3364, 0.2171,
0.2794

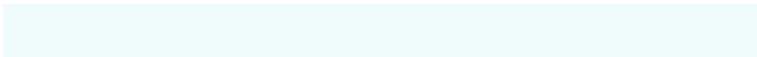
■ 54.1088, 0.2113,
0.2719

■ 51.2887, 0.2073,
0.2646

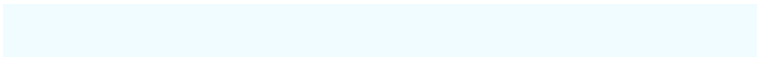
Harmonies

Analogous

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



95.3661, 0.3058, 0.3303



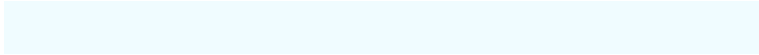
95.3661, 0.3036, 0.3260



95.3661, 0.3038, 0.3226

Triad

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



95.3661, 0.3036, 0.3260



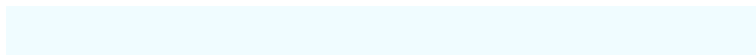
95.3661, 0.3156, 0.3238



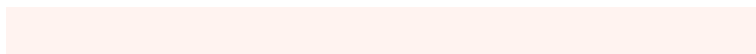
95.3661, 0.3190, 0.3373

Complementary

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



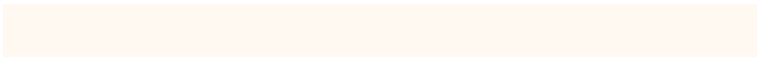
95.3661, 0.3036, 0.3260



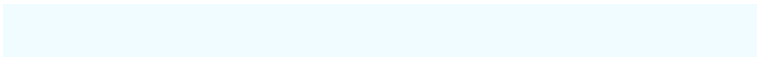
91.6997, 0.3224, 0.3320

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.



95.3661, 0.3217, 0.3354



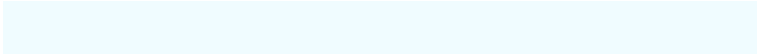
95.3661, 0.3036, 0.3260



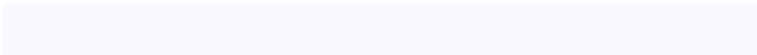
95.3661, 0.3197, 0.3277

Square

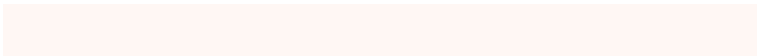
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



95.3661, 0.3036, 0.3260



95.3661, 0.3107, 0.3213



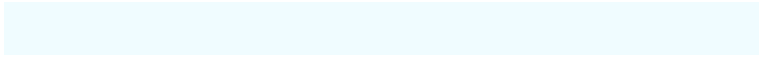
95.3661, 0.3219, 0.3319



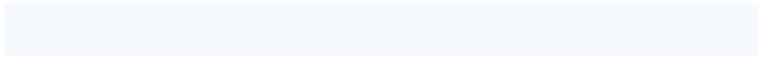
95.3661, 0.3147, 0.3368

Rectangle

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



95.3661, 0.3036, 0.3260



95.3661, 0.3053, 0.3212



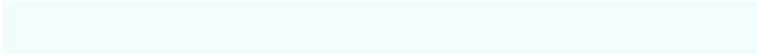
95.3661, 0.3219, 0.3319



95.3661, 0.3202, 0.3369

Sweetspot

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



95.3685, 0.3036, 0.3260



98.3911, 0.3096, 0.3280



96.5297, 0.3103, 0.3408



21.0767, 0.3098, 0.3281



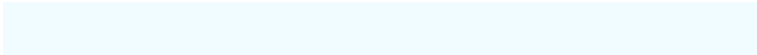
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

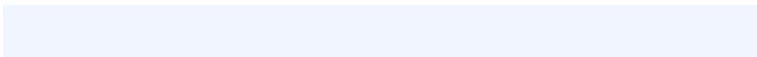
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.3685, 0.3036, 0.3260



94.4951, 0.3018, 0.3254



90.7838, 0.3037, 0.3187



20.1278, 0.3009, 0.3251



26.4509, 0.2063, 0.2628



2.7257, 0.2087, 0.2712

Inverse Universe

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



90.6430, 0.3152, 0.3175



88.9056, 0.3157, 0.3153



96.2484, 0.3218, 0.3391



18.8351, 0.3160, 0.3140



13.3982, 0.3797, 0.1866



1.3197, 0.3717, 0.1821

Previews

White Background



This preview shows how the Yxy color 95.3661, 0.3036, 0.3260 looks on a white background.

Color Contrast Check

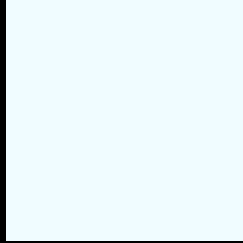
Large Text (above 18pt) WCAG AA × Fail

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 95.3661, 0.3036, 0.3260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

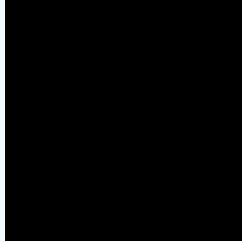
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

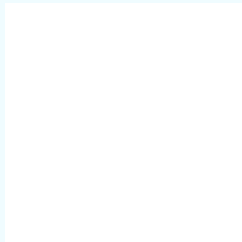
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 95.3661, 0.3036, 0.3260

Background



This preview shows how black text looks on a background with the Yxy color 95.3661, 0.3036, 0.3260.

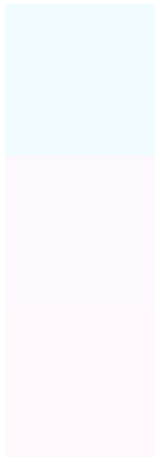


This preview shows how white text looks on a background with the Yxy color 95.3661, 0.3036, 0.3260.

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

95.3661, 0.3036, 0.3260

Protanopia

95.1093, 0.3129, 0.3242

Deuteranopia

95.4231, 0.3148, 0.3252

Tritanopia

95.5477, 0.3086, 0.3242

Trichromacy



Original Color

95.3661, 0.3036, 0.3260

Protanomaly

94.8636, 0.3092, 0.3242

Deuteranomaly

95.1672, 0.3110, 0.3251

Tritanomaly

95.6268, 0.3067, 0.3251

Monochromacy



Original Color

95.3661, 0.3036, 0.3260

Achromatopsia

94.7307, 0.3127, 0.3290

Achromatomaly

94.9291, 0.3096, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.3661, 0.3036, 0.3260 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, 255)` looks like.

```
.text, #text, p{  
    color:rgb(240, 252, 255)  
}
```

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, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 252, 255) }
```

Border

The CSS property to change the border of an element to Yxy 95.3661, 0.3036, 0.3260 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, 255) }
```

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

```
.border{ border-color:rgb(240, 252, 255) }
```

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, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 252, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 252, 255);  
box-shadow:4px 4px 4px 4px rgb(240, 252,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 95.3661, 0.3036, 0.3260 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, 255) }
```

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

```
.background{ background-color: rgb(240,  
252, 255) }
```

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](#).

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