

Converting Colors

$Y_{xy}(95.2974, 0.2988, 0.3318)$

Have a look what the booklet for
Yxy(95.2974, 0.2988, 0.3318)
contains.

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Color

Yxy(95.2063, 0.2986, 0.3320)

Conversions

Conversions Part 1

Format	Color
Hex	E5FFFC
RGB	229, 255, 252
RGB Percent	90%, 100%, 99%
CMY	0.1021, 0.0000, 0.0119
CMYK	0.10, 0.00, 0.01, 0.00
HSL	173°, 100%, 95%
HSV	173°, 10%, 100%
XYZ	85.6283, 95.2063, 105.9313
YIQ	246.8840, -14.5330, -6.4450

Conversions

Conversions Part 2

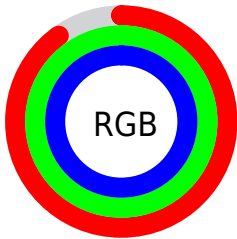
Format	Color
R _Y B	229, 243, 255
Decimal	15073276
CIE Lab	98.12, -8.97, -1.42
CIE LCh	98, 9.085, 189.021
Yxy	95.2063, 0.2986, 0.3320
Android (android.graphics.Color)	4293263356 (0xFFE5FFFC)
YUV	246.8840, 2.5222, -15.6843
Hunter-Lab	97.5737, -14.1067, 3.9331

Details

The Yxy color **95.2063, 0.2986, 0.3320** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **83.0989, 0.3288, 0.3261**, and the grayscale version is **92.8853, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.2125, 0.2957, 0.3328** is the 20% darker color. If you saturate the color by 10%, you get **91.1200, 0.2855, 0.3352**, and if you desaturate by 10%, it is **99.8926, 0.3124, 0.3291**.

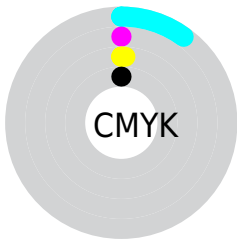
Distribution



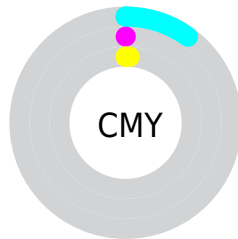
- Red (90%)
- Green (100%)
- Blue (99%)



- Red (90%)
- Yellow (95%)
- Blue (100%)



- Cyan (10%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)





- Cyan (10%)
- Magenta (0%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 95.2063, 0.2986, 0.3320 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 95.2063, 0.2986, 0.3320 by changing the saturation by 10% instead.


 95.2063, 0.2986,
0.3320

 95.2063, 0.2986,
0.3320


544.8252, 0.3048,
0.3307

 72.3067, 0.2973,
0.3323


154.5496, 0.3007,
0.3316

 53.4092, 0.2956,
0.3326


191.7620, 0.3015,
0.3314

 38.1296, 0.2936,
0.3330


234.5143, 0.3023,
0.3312

 26.0833, 0.2910,
0.3335

283.1906, 0.3029,
0.3311

 16.8859, 0.2877,
0.3342

338.1755, 0.3035,
0.3310

 10.1532, 0.2831,
0.3351

399.8533, 0.3040,

 5.5007, 0.2765,

0.3309

0.3363

468.6084, 0.3044,
0.3308

■ 2.5439, 0.2661,
0.3382

■ 0.8985, 0.2427,
0.3435

■ 95.2063, 0.2986,
0.3320

■ 95.2063, 0.2986,
0.3320

■ 91.1200, 0.2855,
0.3352

99.8926, 0.3124,
0.3291

■ 87.6354, 0.2734,
0.3386

100.0000, 0.3127,
0.3290

■ 84.7143, 0.2626,
0.3423

■ 82.3255, 0.2534,
0.3462

■ 80.4349, 0.2459,
0.3502

■ 79.0044, 0.2404,
0.3543

■ 77.9901, 0.2369,
0.3584

■ 77.3400, 0.2352,
0.3625

■ 76.9737, 0.2351,
0.3664

Harmonies

Analogous

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



95.2063, 0.3071, 0.3404



95.2063, 0.2986, 0.3320



95.2063, 0.2939, 0.3229

Triad

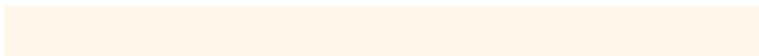
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



95.2063, 0.2986, 0.3320



95.2063, 0.3081, 0.3131



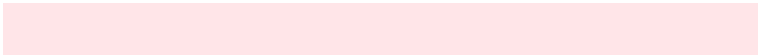
95.2063, 0.3316, 0.3421

Complementary

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



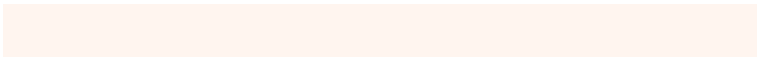
95.2063, 0.2986, 0.3320



83.0989, 0.3288, 0.3261

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.



95.2063, 0.3319, 0.3346



95.2063, 0.2986, 0.3320



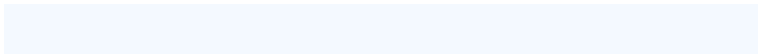
95.2063, 0.3182, 0.3180

Square

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



95.2063, 0.2986, 0.3320



95.2063, 0.2993, 0.3122



95.2063, 0.3270, 0.3259



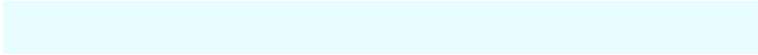
95.2063, 0.3262, 0.3462

Rectangle

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



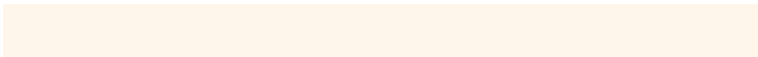
95.2063, 0.2986, 0.3320



95.2063, 0.2935, 0.3178



95.2063, 0.3270, 0.3259



95.2063, 0.3323, 0.3399

Sweetspot

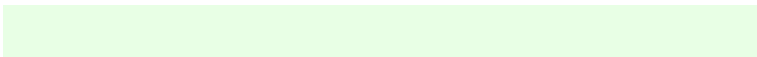
The Sweet Spot groups the original color and five complimentary colors.



95.1968, 0.2986, 0.3320



98.5206, 0.3085, 0.3298



94.3293, 0.3134, 0.3554



21.0049, 0.3074, 0.3301



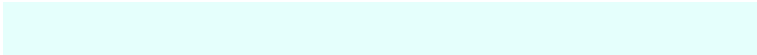
0.0000, 0.0000, 0.0000



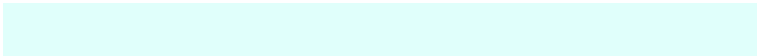
21.4041, 0.3127, 0.3290

Same Dimension

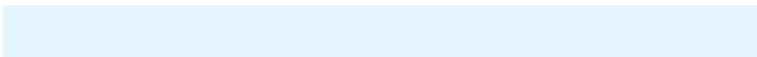
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.1968, 0.2986, 0.3320



94.4240, 0.2962, 0.3325



89.1850, 0.2968, 0.3189



20.4429, 0.2996, 0.3318



40.2349, 0.2349, 0.3657



3.9274, 0.2336, 0.3611

Inverse Universe

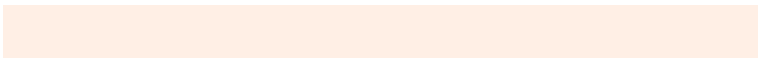
The Inverse Universe completely reimagines the original color for something new.



83.0989, 0.3288, 0.3261



80.3859, 0.3321, 0.3255



88.6117, 0.3297, 0.3389



18.0214, 0.3276, 0.3263



11.1677, 0.6262, 0.3223



1.0979, 0.6027, 0.3094

Previews

White Background



This preview shows how the Yxy color 95.2063, 0.2986, 0.3320 looks on a white background.

Color Contrast Check

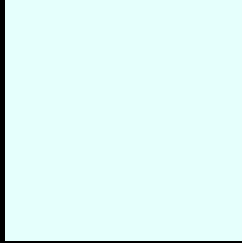
Large Text (above 18pt) WCAG AA × Fail

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 95.2063, 0.2986, 0.3320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

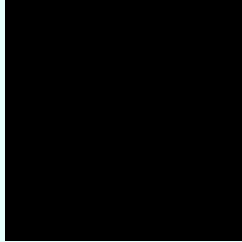
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

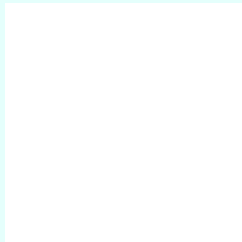
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 95.2063, 0.2986, 0.3320

Background



This preview shows how black text looks on a background with the Yxy color 95.2063, 0.2986, 0.3320.



This preview shows how white text looks on a background with the Yxy color 95.2063, 0.2986, 0.3320.

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

95.2063, 0.2986, 0.3320

Protanopia

94.9829, 0.3165, 0.3290

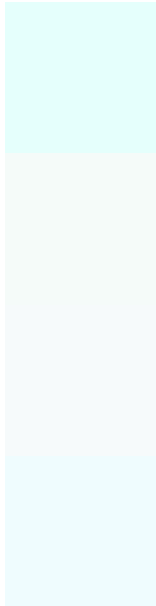
Deuteranopia

94.7466, 0.3155, 0.3252

Tritanopia

95.0037, 0.3067, 0.3241

Trichromacy



Original Color

95.2063, 0.2986, 0.3320

Protanomaly

95.2464, 0.3101, 0.3309

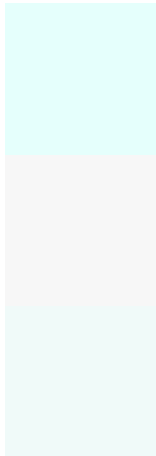
Deuteranomaly

94.9291, 0.3096, 0.3280

Tritanomaly

95.1273, 0.3035, 0.3270

Monochromacy



Original Color

95.2063, 0.2986, 0.3320

Achromatopsia

93.0111, 0.3127, 0.3290

Achromatomaly

93.7360, 0.3070, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.2063, 0.2986, 0.3320 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(229, 255, 252)` looks like.

```
.text, #text, p{  
    color:rgb(229, 255, 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(229, 255, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 255, 252) }
```

Border

The CSS property to change the border of an element to Yxy 95.2063, 0.2986, 0.3320 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(229, 255, 252) }
```

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

```
.border{ border-color:rgb(229, 255, 252) }
```

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

Here you see how a box with a 4 pixel rgb(229, 255, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 255, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 255, 252);  
box-shadow:4px 4px 4px 4px rgb(229, 255,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 95.2063, 0.2986, 0.3320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 255, 252) }
```

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

```
.background{ background-color: rgb(229,  
255, 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](#).

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