

Converting Colors

$Yxy(89.6196, 0.2894, 0.3368)$

Have a look what the booklet for
Yxy(89.6196, 0.2894, 0.3368)
contains.

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Color

Yxy(89.4788, 0.2895, 0.3363)

Conversions

Conversions Part 1

Format	Color
Hex	CFFCF5
RGB	207, 252, 245
RGB Percent	81%, 99%, 96%
CMY	0.1881, 0.0118, 0.0394
CMYK	0.18, 0.00, 0.03, 0.01
HSL	171°, 88%, 90%
HSV	171°, 18%, 99%
XYZ	77.0268, 89.4788, 99.5628
YIQ	237.7470, -24.5730, -11.7170

Conversions

Conversions Part 2

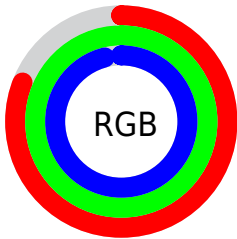
Format	Color
R_{YB}	207, 231, 252
Decimal	13630709
CIE _{Lab}	95.78, -15.65, -1.40
CIE _{LCh}	96, 15.710, 185.105
Y _{xy}	89.4788, 0.2895, 0.3363
Android (android.graphics.Color)	4291820789 (0xFFCFFCF5)
Y _{UV}	237.7470, 3.5757, -26.9651
Hunter-Lab	94.5932, -20.1865, 3.8104

Details

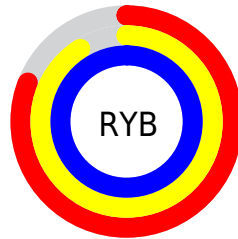
The Yxy color **89.4788, 0.2895, 0.3363** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.2007, 0.3421, 0.3219**, and the grayscale version is **85.2862, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.3797, 0.2843, 0.3370** is the 20% darker color. If you saturate the color by 10%, you get **85.8984, 0.2776, 0.3409**, and if you desaturate by 10%, it is **93.6510, 0.3023, 0.3321**.

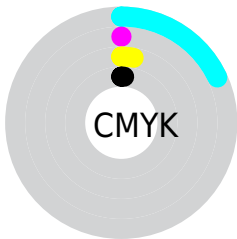
Distribution



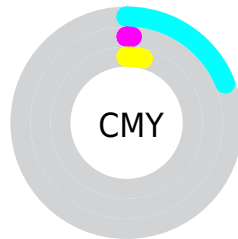
- Red (81%)
- Green (99%)
- Blue (96%)



- Red (81%)
- Yellow (91%)
- Blue (99%)



- Cyan (18%)
- Magenta (0%)
- Yellow (3%)
- Black (1%)





- Cyan (19%)
- Magenta (1%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.4788, 0.2895, 0.3363 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 89.4788, 0.2895, 0.3363 by changing the saturation by 10% instead.


 89.4788, 0.2895,
0.3363

 89.4788, 0.2895,
0.3363


526.3340, 0.2998,
0.3331

 67.5484, 0.2872,
0.3370

146.6142, 0.2930,
0.3352

 49.5305, 0.2845,
0.3378


182.5881, 0.2944,
0.3348

 35.0405, 0.2811,
0.3389


224.0119, 0.2956,
0.3344

 23.6940, 0.2767,
0.3402

271.2700, 0.2966,
0.3341

 15.1068, 0.2710,
0.3419

324.7469, 0.2976,
0.3338

 8.8944, 0.2631,
0.3442

384.8269, 0.2984,

 4.6724, 0.2515,

0.3335

0.3476

451.8945, 0.2991,
0.3333

2.0563, 0.2330,
0.3528

0.6399, 0.1362,
0.3853

89.4788, 0.2895,
0.3363

89.4788, 0.2895,
0.3363

85.8984, 0.2776,
0.3409

93.6510, 0.3023,
0.3321

82.8713, 0.2669,
0.3459

97.9636, 0.3141,
0.3282

80.3716, 0.2576,
0.3511

98.1011, 0.3128,
0.3262

78.3667, 0.2500,
0.3565

■ 76.8206, 0.2443,
0.3621

■ 75.6924, 0.2406,
0.3678

■ 74.9337, 0.2389,
0.3734

■ 74.4796, 0.2388,
0.3790

■ 74.4013, 0.2389,
0.3802

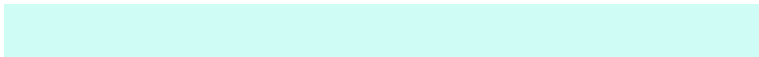
Harmonies

Analogous

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



89.4788, 0.3049, 0.3510



89.4788, 0.2895, 0.3363



89.4788, 0.2804, 0.3199

Triad

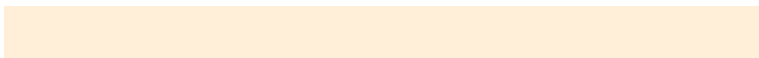
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.4788, 0.2895, 0.3363



89.4788, 0.3021, 0.3006



89.4788, 0.3468, 0.3503

Complementary

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



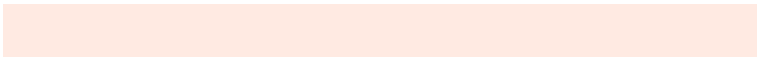
89.4788, 0.2895, 0.3363



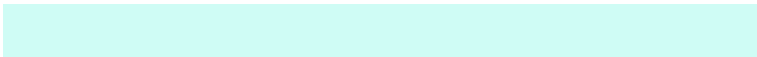
70.2007, 0.3421, 0.3219

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.



89.4788, 0.3462, 0.3365



89.4788, 0.2895, 0.3363



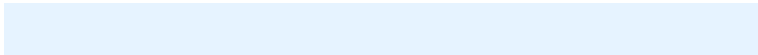
89.4788, 0.3200, 0.3084

Square

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



89.4788, 0.2895, 0.3363



89.4788, 0.2875, 0.2999



89.4788, 0.3362, 0.3214



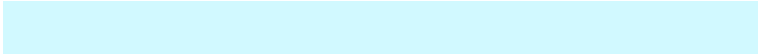
89.4788, 0.3381, 0.3588

Rectangle

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



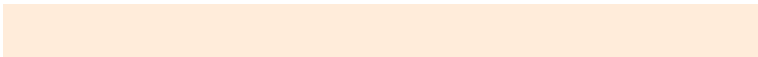
89.4788, 0.2895, 0.3363



89.4788, 0.2789, 0.3105



89.4788, 0.3362, 0.3214



89.4788, 0.3477, 0.3461

Sweetspot

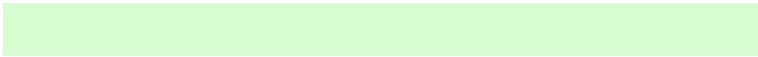
The Sweet Spot groups the original color and five complimentary colors.



89.4825, 0.2895, 0.3363



97.5335, 0.3060, 0.3309



88.5049, 0.3151, 0.3771



20.8047, 0.3051, 0.3312



0.0000, 0.0000, 0.0000



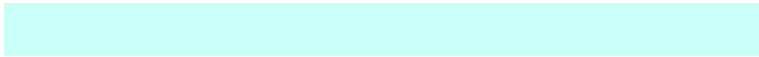
21.4041, 0.3127, 0.3290

Same Dimension

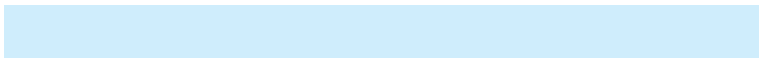
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.4825, 0.2895, 0.3363



90.6914, 0.2856, 0.3377



80.8763, 0.2849, 0.3131



19.5591, 0.3001, 0.3327



38.7744, 0.2387, 0.3792



3.6033, 0.2368, 0.3725

Inverse Universe

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



70.2007, 0.3421, 0.3219



67.8885, 0.3486, 0.3205



77.4599, 0.3447, 0.3444



17.2695, 0.3269, 0.3253



10.8720, 0.6182, 0.3179



1.0195, 0.5893, 0.3020

Previews

White Background



This preview shows how the Yxy color 89.4788, 0.2895, 0.3363 looks on a white background.

Color Contrast Check

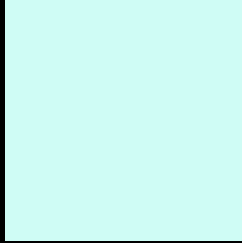
Large Text (above 18pt) WCAG AA × Fail

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 89.4788, 0.2895, 0.3363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

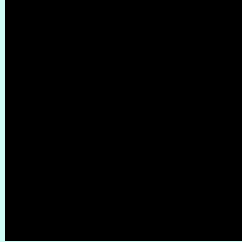
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

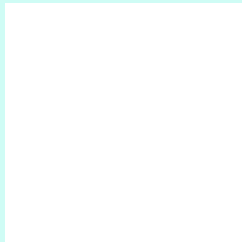
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 89.4788, 0.2895, 0.3363

Background



This preview shows how black text looks on a background with the Yxy color 89.4788, 0.2895, 0.3363.

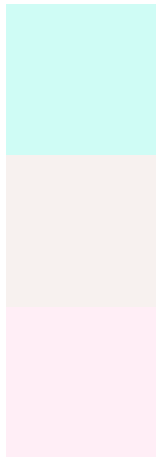


This preview shows how white text looks on a background with the Yxy color 89.4788, 0.2895, 0.3363.

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

89.4788, 0.2895, 0.3363

Protanopia

88.9167, 0.3179, 0.3310

Deuteranopia

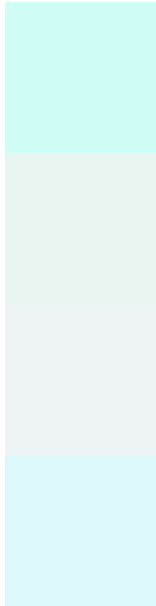
89.0629, 0.3190, 0.3213



Tritanopia

89.0188, 0.2962, 0.3189

Trichromacy



Original Color

89.4788, 0.2895, 0.3363

Protanomaly

88.8115, 0.3068, 0.3330

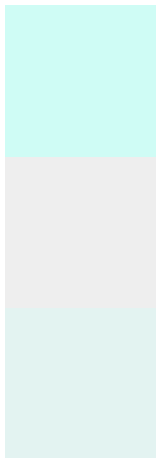
Deuteranomaly

88.9321, 0.3077, 0.3260

Tritanomaly

89.3155, 0.2937, 0.3259

Monochromacy



Original Color

89.4788, 0.2895, 0.3363

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

86.7830, 0.3037, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.4788, 0.2895, 0.3363 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(207, 252, 245)` looks like.

```
.text, #text, p{  
    color:rgb(207, 252, 245)  
}
```

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(207, 252, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 252, 245) }
```

Border

The CSS property to change the border of an element to Yxy 89.4788, 0.2895, 0.3363 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(207, 252, 245) }
```

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

```
.border{ border-color:rgb(207, 252, 245) }
```

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

Here you see how a box with a 4 pixel rgb(207, 252, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 252, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 252, 245);  
box-shadow:4px 4px 4px 4px rgb(207, 252,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 89.4788, 0.2895, 0.3363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 252, 245) }
```

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

```
.background{ background-color: rgb(207,  
252, 245) }
```

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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