

Converting Colors

Yxy(57.9388, 0.2590, 0.3491)

Have a look what the booklet for
Yxy(57.9388, 0.2590, 0.3491)
contains.

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Color

Yxy(57.6719, 0.2591, 0.3490)

Conversions

Conversions Part 1

Format	Color
Hex	75D9CA
RGB	117, 217, 202
RGB Percent	46%, 85%, 79%
CMY	0.5410, 0.1490, 0.2078
CMYK	0.46, 0.00, 0.07, 0.15
HSL	171°, 57%, 65%
HSV	171°, 46%, 85%
XYZ	42.8160, 57.6719, 64.7611
YIQ	185.3900, -54.7850, -25.8650

Conversions

Conversions Part 2

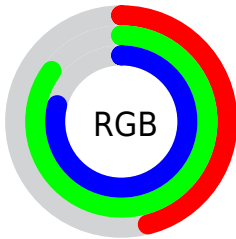
Format	Color
RYB	117, 171, 217
Decimal	7723466
CIELab	80.56, -32.90, -1.72
CIElCh	81, 32.946, 182.992
Yxy	57.6719, 0.2591, 0.3490
Android (android.graphics.Color)	4285913546 (0xFF75D9CA)
YUV	185.3900, 8.1887, -59.9780
Hunter-Lab	75.9420, -32.2605, 2.5987

Details

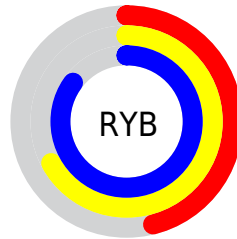
The Yxy color **57.6719, 0.2591, 0.3490** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **29.1531, 0.4178, 0.3111**, and the grayscale version is **48.7291, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.7387, 0.2671, 0.3289**, and **28.8783, 0.2458, 0.3547** is the 20% darker color. If you saturate the color by 10%, you get **56.1880, 0.2511, 0.3541**, and if you desaturate by 10%, it is **59.5120, 0.2687, 0.3441**.

Distribution



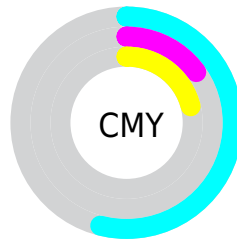
- Red (46%)
- Green (85%)
- Blue (79%)



- Red (46%)
- Yellow (67%)
- Blue (85%)



- Cyan (46%)
- Magenta (0%)
- Yellow (7%)
- Black (15%)





- Cyan (54%)
- Magenta (15%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.6719, 0.2591, 0.3490 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 57.6719, 0.2591, 0.3490 by changing the saturation by 10% instead.


 57.6719, 0.2591,
0.3490


 57.6719, 0.2591,
0.3490


415.9622, 0.2847,
0.3396


 41.5449, 0.2530,
0.3512


 101.4449, 0.2682,
0.3457

 28.7451, 0.2455,
0.3539


 129.8598, 0.2716,
0.3444

 18.8881, 0.2357,
0.3574


 163.1393, 0.2746,
0.3433

 11.5894, 0.2227,
0.3620

201.6681, 0.2772,
0.3424

 6.4648, 0.2045,
0.3682

245.8303, 0.2794,
0.3415

 3.1297, 0.1776,
0.3772

296.0105, 0.2814,

 1.1998, 0.1037,

0.3408

0.4044

352.5930, 0.2832,
0.3402

0.0616, 0.0000,
0.2474

0.0000, 0.0000,
0.0000

57.6719, 0.2591,
0.3490

57.6719, 0.2591,
0.3490

56.1880, 0.2511,
0.3541

59.5120, 0.2687,
0.3441

55.0290, 0.2450,
0.3594


61.7236, 0.2797,
0.3395


54.1696, 0.2408,
0.3647


64.3292, 0.2917,
0.3352


53.5778, 0.2386,
0.3700

67.3476, 0.3046,
0.3312


 53.2134, 0.2381,
0.3753

 70.7964, 0.3181,
0.3276

 53.1040, 0.2382,
0.3774

 74.6922, 0.3317,
0.3244

 76.3079, 0.3352,
0.3213

 76.4869, 0.3329,
0.3180

 76.6693, 0.3306,
0.3148

Harmonies

Analogous

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



57.6719, 0.2954, 0.3870



57.6719, 0.2591, 0.3490



57.6719, 0.2377, 0.3074

Triad

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



57.6719, 0.2591, 0.3490



57.6719, 0.2835, 0.2628



57.6719, 0.3965, 0.3752

Complementary

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



57.6719, 0.2591, 0.3490



29.1531, 0.4178, 0.3111

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.



57.6719, 0.3939, 0.3418



57.6719, 0.2591, 0.3490



57.6719, 0.3261, 0.2797

Square

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



57.6719, 0.2591, 0.3490



57.6719, 0.2511, 0.2609



57.6719, 0.3675, 0.3077



57.6719, 0.3753, 0.3998

Rectangle

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



57.6719, 0.2591, 0.3490



57.6719, 0.2338, 0.2847



57.6719, 0.3675, 0.3077



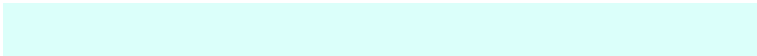
57.6719, 0.3985, 0.3646

Sweetspot

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



57.6742, 0.2591, 0.3490



93.5068, 0.2942, 0.3344



55.8183, 0.3155, 0.4690



19.8233, 0.2914, 0.3353



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.



57.6742, 0.2591, 0.3490



81.0872, 0.2515, 0.3538



42.2577, 0.2428, 0.2804



14.7943, 0.3002, 0.3325



32.1602, 0.2380, 0.3766



2.0928, 0.2356, 0.3680

Inverse Universe

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



29.1531, 0.4178, 0.3111



35.2356, 0.4530, 0.3083



38.5041, 0.4158, 0.3718



13.0832, 0.3268, 0.3255



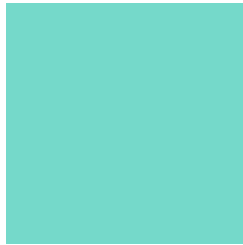
9.0044, 0.6186, 0.3181



0.5936, 0.5786, 0.2961

Previews

White Background



This preview shows how the Yxy color 57.6719, 0.2591, 0.3490 looks on a white background.

Color Contrast Check

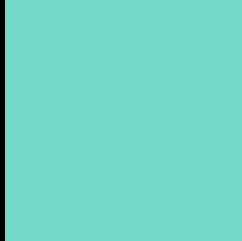
Large Text (above 18pt) WCAG AA × Fail

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 57.6719, 0.2591, 0.3490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

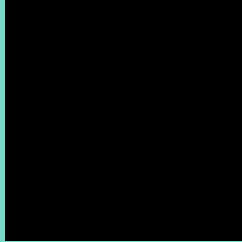
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

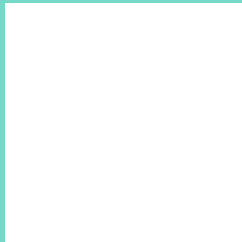
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.6719, 0.2591, 0.3490

Background



This preview shows how black text looks on a background with the Yxy color 57.6719, 0.2591, 0.3490.

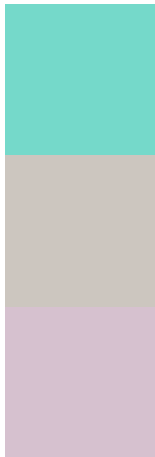


This preview shows how white text looks on a background with the Yxy color 57.6719, 0.2591, 0.3490.

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

57.6719, 0.2591, 0.3490

Protanopia

56.9871, 0.3227, 0.3374

Deuteranopia

56.9411, 0.3191, 0.3129



Tritanopia

57.6616, 0.2479, 0.3071

Trichromacy



Original Color

57.6719, 0.2591, 0.3490



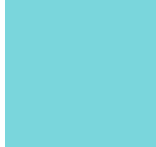
Protanomaly

56.3734, 0.2951, 0.3416



Deuteranomaly

56.2325, 0.2934, 0.3252



Tritanomaly

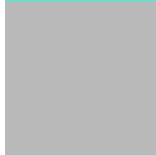
57.3980, 0.2516, 0.3210

Monochromacy



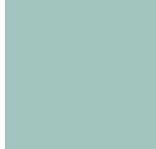
Original Color

57.6719, 0.2591, 0.3490



Achromatopsia

48.5150, 0.3127, 0.3290



Achromatomaly

51.1677, 0.2888, 0.3369

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.6719, 0.2591, 0.3490 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(117, 217, 202)` looks like.

```
.text, #text, p{  
    color:rgb(117, 217, 202)  
}
```

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(117, 217, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 217, 202) }
```

Border

The CSS property to change the border of an element to Yxy 57.6719, 0.2591, 0.3490 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(117, 217, 202) }
```

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

```
.border{ border-color:rgb(117, 217, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 217, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 217, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 217, 202);  
box-shadow:4px 4px 4px 4px rgb(117, 217,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 57.6719, 0.2591, 0.3490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 217, 202) }
```

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

```
.background{ background-color: rgb(117,  
217, 202) }
```

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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