

Converting Colors

$Yxy(59.6638, 0.2476, 0.3287)$

Have a look what the booklet for
Yxy(59.6638, 0.2476, 0.3287)
contains.

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Color

Yxy(59.6687, 0.2477, 0.3288)

Conversions

Conversions Part 1

Format	Color
Hex	6EDCDC
RGB	110, 220, 220
RGB Percent	43%, 86%, 86%
CMY	0.5682, 0.1373, 0.1373
CMYK	0.50, 0.00, 0.00, 0.14
HSL	180°, 61%, 65%
HSV	180°, 50%, 86%
XYZ	44.9511, 59.6687, 76.8543
YIQ	187.1100, -65.5600, -23.3200

Conversions

Conversions Part 2

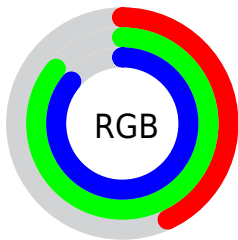
Format	Color
RYB	110, 165, 220
Decimal	7265500
CIELab	81.66, -31.38, -9.70
CIELCh	82, 32.846, 197.173
Yxy	59.6687, 0.2477, 0.3288
Android (android.graphics.Color)	4285455580 (0xFF6EDCDC)
YUV	187.1100, 16.2148, -67.6255
Hunter-Lab	77.2455, -31.3059, -4.9179

Details

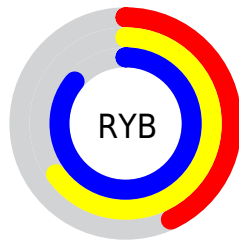
The Yxy color **59.6687, 0.2477, 0.3288** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **27.5203, 0.4539, 0.3294**, and the grayscale version is **49.7098, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.1750, 0.2647, 0.3289**, and **30.1624, 0.2320, 0.3288** is the 20% darker color. If you saturate the color by 10%, you get **58.4285, 0.2394, 0.3288**, and if you desaturate by 10%, it is **61.2639, 0.2579, 0.3288**.

Distribution



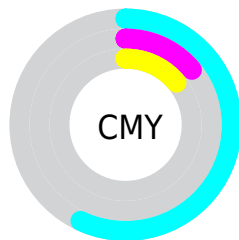
- Red (43%)
- Green (86%)
- Blue (86%)



- Red (43%)
- Yellow (65%)
- Blue (86%)



- Cyan (50%)
- Magenta (0%)
- Yellow (0%)
- Black (14%)




- Cyan (57%)
- Magenta (14%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.6687, 0.2477, 0.3288 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 59.6687, 0.2477, 0.3288 by changing the saturation by 10% instead.


 59.6687, 0.2477,
0.3288


 59.6687, 0.2477,
0.3288


423.3755, 0.2782,
0.3296


 43.1517, 0.2407,
0.3284

 104.3489, 0.2584,
0.3292

 30.0041, 0.2319,
0.3278

 133.2809, 0.2625,
0.3294

 19.8417, 0.2208,
0.3269


 167.1200, 0.2660,
0.3295

 12.2800, 0.2063,
0.3254

206.2505, 0.2691,
0.3295

 6.9347, 0.1865,
0.3226

251.0570, 0.2718,
0.3296

 3.4213, 0.1583,
0.3172

301.9237, 0.2742,

 1.3554, 0.1050,

0.3296

0.3089

359.2351, 0.2763,
0.3296

■ 0.1835, 0.0000,
0.1729

■ 0.0000, 0.0000,
0.0000

■ 59.6687, 0.2477,
0.3288

■ 59.6687, 0.2477,
0.3288

■ 58.4285, 0.2394,
0.3288

■ 61.2639, 0.2579,
0.3288

■ 57.5100, 0.2330,
0.3288


■ 63.2308, 0.2697,
0.3289

■ 56.8853, 0.2286,
0.3287


■ 65.5933, 0.2830,
0.3289


■ 56.5187, 0.2259,
0.3287

■ 68.3716, 0.2975,
0.3290

 56.3470, 0.2247,
0.3287


 71.5841, 0.3128,
0.3290

 56.3463, 0.2247,
0.3287

 75.2485, 0.3287,
0.3290

 77.6124, 0.3381,
0.3291

 77.6129, 0.3381,
0.3291

 77.6134, 0.3381,
0.3291

Harmonies

Analogous

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



59.6687, 0.2773, 0.3700



59.6687, 0.2477, 0.3288



59.6687, 0.2351, 0.2913

Triad

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



59.6687, 0.2477, 0.3288



59.6687, 0.3031, 0.2699



59.6687, 0.3880, 0.3878

Complementary

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



59.6687, 0.2477, 0.3288



27.5203, 0.4539, 0.3294

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.



59.6687, 0.3971, 0.3578



59.6687, 0.2477, 0.3288



59.6687, 0.3462, 0.2923

Square

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



59.6687, 0.2477, 0.3288



59.6687, 0.2653, 0.2607



59.6687, 0.3816, 0.3236



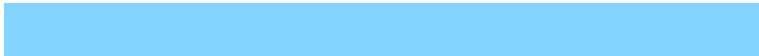
59.6687, 0.3584, 0.4044

Rectangle

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



59.6687, 0.2477, 0.3288



59.6687, 0.2372, 0.2736



59.6687, 0.3816, 0.3236



59.6687, 0.3937, 0.3788

Sweetspot

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



59.6710, 0.2477, 0.3288



93.4524, 0.2899, 0.3289



55.6347, 0.3053, 0.4873



19.8294, 0.2868, 0.3289



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.



59.6710, 0.2477, 0.3288



81.5605, 0.2390, 0.3288



35.4190, 0.2327, 0.2511



14.8295, 0.2982, 0.3290



33.0705, 0.2247, 0.3287



2.1425, 0.2247, 0.3287

Inverse Universe

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



31.5578, 0.3183, 0.2092



37.9823, 0.3193, 0.1894



43.2729, 0.4171, 0.3941



13.2749, 0.3138, 0.3060



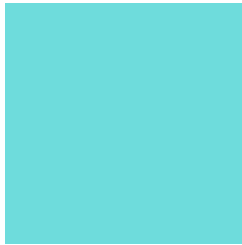
11.9623, 0.3209, 0.1542



0.7750, 0.3209, 0.1542

Previews

White Background



This preview shows how the Yxy color 59.6687, 0.2477, 0.3288 looks on a white background.

Color Contrast Check

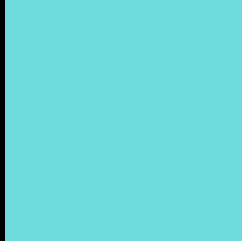
Large Text (above 18pt) WCAG AA × Fail

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 59.6687, 0.2477, 0.3288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

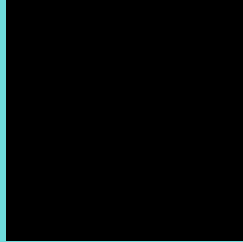
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.6687, 0.2477, 0.3288

Background



This preview shows how black text looks on a background with the Yxy color 59.6687, 0.2477, 0.3288.

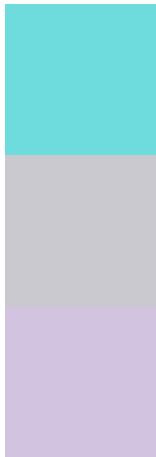


This preview shows how white text looks on a background with the Yxy color 59.6687, 0.2477, 0.3288.

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

59.6687, 0.2477, 0.3288

Protanopia

59.0239, 0.3093, 0.3208

Deuteranopia

58.6177, 0.3027, 0.2962



Tritanopia

59.7858, 0.2423, 0.3073

Trichromacy



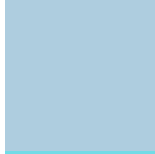
Original Color

59.6687, 0.2477, 0.3288



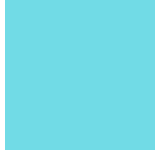
Protanomaly

58.3002, 0.2823, 0.3240



Deuteranomaly

57.9890, 0.2786, 0.3071



Tritanomaly

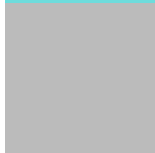
59.8869, 0.2440, 0.3147

Monochromacy



Original Color

59.6687, 0.2477, 0.3288



Achromatopsia

49.6933, 0.3127, 0.3290



Achromatomaly

52.3413, 0.2830, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.6687, 0.2477, 0.3288 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(110, 220, 220)` looks like.

```
.text, #text, p{  
    color:rgb(110, 220, 220)  
}
```

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(110, 220, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 220, 220) }
```

Border

The CSS property to change the border of an element to Yxy 59.6687, 0.2477, 0.3288 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(110, 220, 220) }
```

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

```
.border{ border-color:rgb(110, 220, 220) }
```

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

Here you see how a box with a 4 pixel rgb(110, 220, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 220, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 220, 220);  
box-shadow:4px 4px 4px 4px rgb(110, 220,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 59.6687, 0.2477, 0.3288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 220, 220) }
```

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

```
.background{ background-color: rgb(110,  
220, 220) }
```

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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