

Converting Colors

$Yxy(50.7284, 0.2551, 0.3306)$

Have a look what the booklet for
Yxy(50.7284, 0.2551, 0.3306)
contains.

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Color

Yxy(50.6210, 0.2550, 0.3302)

Conversions

Conversions Part 1

Format	Color
Hex	73CBCA
RGB	115, 203, 202
RGB Percent	45%, 80%, 79%
CMY	0.5488, 0.2039, 0.2078
CMYK	0.43, 0.00, 0.00, 0.20
HSL	179°, 46%, 62%
HSV	179°, 43%, 80%
XYZ	39.0925, 50.6210, 63.5905
YIQ	176.5740, -52.1270, -18.9670

Conversions

Conversions Part 2

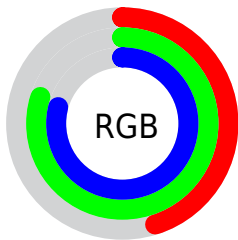
Format	Color
R _{YB}	115, 159, 203
Decimal	7588810
CIE Lab	76.45, -26.65, -7.78
CIE LCh	76, 27.760, 196.279
Yxy	50.6210, 0.2550, 0.3302
Android (android.graphics.Color)	4285778890 (0xFF73BCA)
YUV	176.5740, 12.5350, -54.0004
Hunter-Lab	71.1484, -26.4329, -3.1879

Details

The Yxy color **50.6210, 0.2550, 0.3302** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **26.2325, 0.4242, 0.3280**, and the grayscale version is **43.6929, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.5107, 0.2662, 0.3289**, and **24.5029, 0.2400, 0.3307** is the 20% darker color. If you saturate the color by 10%, you get **49.3834, 0.2455, 0.3305**, and if you desaturate by 10%, it is **52.1656, 0.2662, 0.3299**.

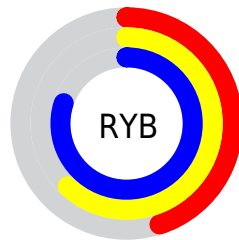
Distribution



Red (45%)

Green (80%)

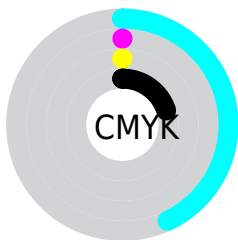
Blue (79%)



Red (45%)

Yellow (62%)

Blue (80%)

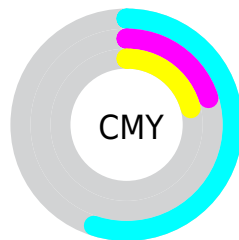


Cyan (43%)

Magenta (0%)

Yellow (0%)

Black (20%)



Cyan (55%)


Magenta (20%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.6210, 0.2550, 0.3302 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 50.6210, 0.2550, 0.3302 by changing the saturation by 10% instead.


 50.6210, 0.2550,
0.3302

 50.6210, 0.2550,
0.3302

389.0895, 0.2830,
0.3302

 35.9071, 0.2483,
0.3300

 91.0943, 0.2650,
0.3303

 24.3624, 0.2398,
0.3298


 117.6225, 0.2688,
0.3303

 15.6027, 0.2289,
0.3292


 148.8575, 0.2720,
0.3303

 9.2435, 0.2141,
0.3282

185.1838, 0.2748,
0.3303

 4.9003, 0.1933,
0.3260

226.9857, 0.2772,
0.3303

 2.1889, 0.1619,
0.3212

274.6477, 0.2794,

 0.7139, 0.0133,

0.3302

328.5542, 0.2813,
0.3302

0.3385

0.0000, 0.0000,
0.0000

50.6210, 0.2550,
0.3302

50.6210, 0.2550,
0.3302

49.3834, 0.2455,
0.3305

52.1656, 0.2662,
0.3299

48.4267, 0.2379,
0.3309

54.0296, 0.2789,
0.3296

47.7305, 0.2322,
0.3312


56.2318, 0.2928,
0.3293


47.2688, 0.2284,
0.3316


58.7877, 0.3076,
0.3291


47.0102, 0.2263,
0.3319


61.7122, 0.3231,
0.3289

 46.9132, 0.2256,
0.3322

 65.0190, 0.3390,
0.3287

 68.3104, 0.3532,
0.3285

 68.3213, 0.3530,
0.3283

 68.3323, 0.3528,
0.3280

Harmonies

Analogous

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



50.6210, 0.2822, 0.3663



50.6210, 0.2550, 0.3302



50.6210, 0.2430, 0.2964

Triad

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



50.6210, 0.2550, 0.3302



50.6210, 0.3032, 0.2753



50.6210, 0.3807, 0.3813

Complementary

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



50.6210, 0.2550, 0.3302



26.2325, 0.4242, 0.3280

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.



50.6210, 0.3879, 0.3544



50.6210, 0.2550, 0.3302



50.6210, 0.3416, 0.2953

Square

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



50.6210, 0.2550, 0.3302



50.6210, 0.2694, 0.2675



50.6210, 0.3734, 0.3235



50.6210, 0.3548, 0.3961

Rectangle

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



50.6210, 0.2550, 0.3302



50.6210, 0.2445, 0.2801



50.6210, 0.3734, 0.3235



50.6210, 0.3854, 0.3732

Sweetspot

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



50.6230, 0.2550, 0.3302



94.2219, 0.2930, 0.3293



47.6978, 0.3074, 0.4622



19.9796, 0.2898, 0.3294



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.



50.6230, 0.2550, 0.3302



82.8111, 0.2461, 0.3305



33.2729, 0.2439, 0.2660



12.7248, 0.2985, 0.3292



29.8578, 0.2256, 0.3321



1.5410, 0.2254, 0.3314

Inverse Universe

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



26.2325, 0.4242, 0.3280



36.7300, 0.4632, 0.3280



38.2391, 0.4002, 0.3838



11.2157, 0.3288, 0.3288



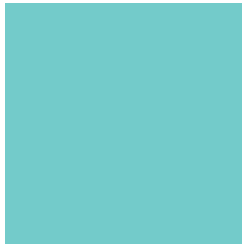
8.0841, 0.6387, 0.3292



0.4178, 0.6341, 0.3267

Previews

White Background



This preview shows how the Yxy color 50.6210, 0.2550, 0.3302 looks on a white background.

Color Contrast Check

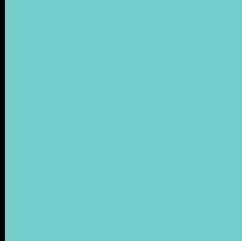
Large Text (above 18pt) WCAG AA × Fail

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 50.6210, 0.2550, 0.3302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

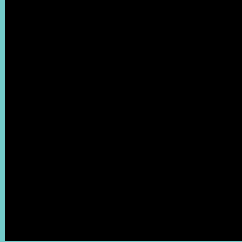
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

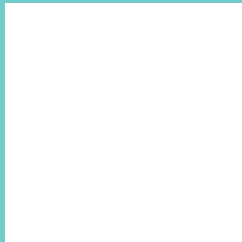
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.6210, 0.2550, 0.3302

Background



This preview shows how black text looks on a background with the Yxy color 50.6210, 0.2550, 0.3302.

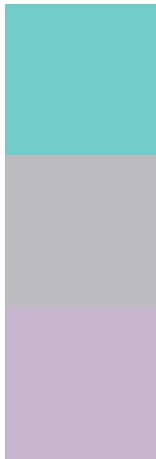


This preview shows how white text looks on a background with the Yxy color 50.6210, 0.2550, 0.3302.

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

50.6210, 0.2550, 0.3302

Protanopia

50.1652, 0.3105, 0.3227

Deuteranopia

49.7824, 0.3066, 0.2999



Tritanopia

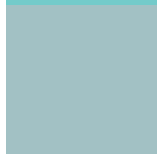
50.7050, 0.2486, 0.3073

Trichromacy



Original Color

50.6210, 0.2550, 0.3302



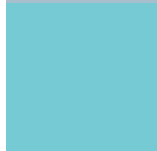
Protanomaly

49.8068, 0.2867, 0.3250



Deuteranomaly

49.4502, 0.2840, 0.3096



Tritanomaly

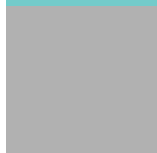
50.8461, 0.2509, 0.3152

Monochromacy



Original Color

50.6210, 0.2550, 0.3302



Achromatopsia

43.9657, 0.3127, 0.3290



Achromatomaly

45.5330, 0.2871, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.6210, 0.2550, 0.3302 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(115, 203, 202)` looks like.

```
.text, #text, p{  
    color:rgb(115, 203, 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(115, 203, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 203, 202) }
```

Border

The CSS property to change the border of an element to Yxy 50.6210, 0.2550, 0.3302 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(115, 203, 202) }
```

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

```
.border{ border-color:rgb(115, 203, 202) }
```

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

Here you see how a box with a 4 pixel rgb(115, 203, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 203, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 203, 202);  
box-shadow:4px 4px 4px 4px rgb(115, 203,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 50.6210, 0.2550, 0.3302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 203, 202) }
```

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

```
.background{ background-color: rgb(115,  
203, 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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