

Converting Colors

$Yxy(50.5521, 0.2597, 0.3288)$

Have a look what the booklet for
Yxy(50.5521, 0.2597, 0.3288)
contains.

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Color

Yxy(50.7904, 0.2596, 0.3288)

Conversions

Conversions Part 1

Format	Color
Hex	7CCACA
RGB	124, 202, 202
RGB Percent	49%, 79%, 79%
CMY	0.5135, 0.2079, 0.2078
CMYK	0.39, 0.00, 0.00, 0.21
HSL	180°, 42%, 64%
HSV	180°, 39%, 79%
XYZ	40.1009, 50.7904, 63.5807
YIQ	178.6780, -46.4880, -16.5360

Conversions

Conversions Part 2

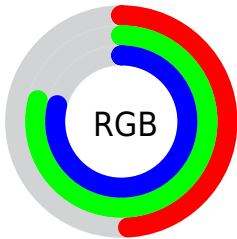
Format	Color
RYB	124, 163, 202
Decimal	8178378
CIELab	76.55, -23.92, -7.60
CIELCh	77, 25.098, 197.615
Yxy	50.7904, 0.2596, 0.3288
Android (android.graphics.Color)	4286368458 (0xFF7CCACA)
YUV	178.6780, 11.4977, -47.9526
Hunter-Lab	71.2674, -24.2790, -3.0080

Details

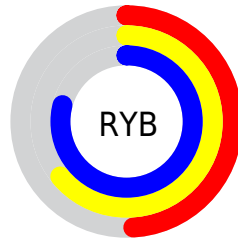
The Yxy color **50.7904, 0.2596, 0.3288** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **28.4530, 0.4077, 0.3293**, and the grayscale version is **44.8631, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.4433, 0.2701, 0.3289**, and **24.5831, 0.2460, 0.3288** is the 20% darker color. If you saturate the color by 10%, you get **49.4338, 0.2492, 0.3288**, and if you desaturate by 10%, it is **52.4594, 0.2716, 0.3289**.

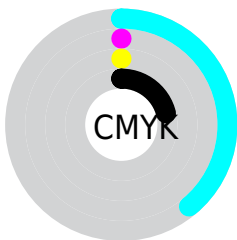
Distribution



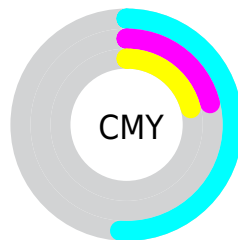
- Red (49%)
- Green (79%)
- Blue (79%)



- Red (49%)
- Yellow (64%)
- Blue (79%)



- Cyan (39%)
- Magenta (0%)
- Yellow (0%)
- Black (21%)





- Cyan (51%)
- Magenta (21%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.7904, 0.2596, 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 50.7904, 0.2596, 0.3288 by changing the saturation by 10% instead.


 50.7904, 0.2596,
0.3288


 50.7904, 0.2596,
0.3288


389.7489, 0.2854,
0.3294


 36.0418, 0.2534,
0.3285


 91.3449, 0.2688,
0.3291

 24.4665, 0.2456,
0.3281


 117.9196, 0.2723,
0.3292

 15.6800, 0.2355,
0.3274


 149.2051, 0.2753,
0.3293

 9.2980, 0.2218,
0.3261

185.5858, 0.2778,
0.3293

 4.9361, 0.2024,
0.3238

227.4462, 0.2801,
0.3293

 2.2098, 0.1730,
0.3189

275.1705, 0.2821,

 0.7253, 0.0480,

0.3294

329.1433, 0.2838,
0.3294

0.3301

0.0000, 0.0000,
0.0000

50.7904, 0.2596,
0.3288

50.7904, 0.2596,
0.3288

49.4338, 0.2492,
0.3288

52.4594, 0.2716,
0.3289

48.3646, 0.2406,
0.3287

54.4520, 0.2850,
0.3289

47.5638, 0.2340,
0.3287

56.7865, 0.2996,
0.3290


47.0075, 0.2292,
0.3287


59.4777, 0.3149,
0.3290


46.6676, 0.2262,
0.3286

62.5397, 0.3308,
0.3291

 46.4996, 0.2248,
0.3286

 65.9860, 0.3469,
0.3291

 46.4808, 0.2246,
0.3286

 67.7888, 0.3546,
0.3292

 67.7925, 0.3546,
0.3292

 67.7962, 0.3546,
0.3292

Harmonies

Analogous

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



50.7904, 0.2839, 0.3613



50.7904, 0.2596, 0.3288



50.7904, 0.2492, 0.2986

Triad

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



50.7904, 0.2596, 0.3288



50.7904, 0.3058, 0.2807



50.7904, 0.3734, 0.3774

Complementary

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



50.7904, 0.2596, 0.3288



28.4530, 0.4077, 0.3293

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.



50.7904, 0.3806, 0.3536



50.7904, 0.2596, 0.3288



50.7904, 0.3404, 0.2995

Square

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



50.7904, 0.2596, 0.3288



50.7904, 0.2747, 0.2731



50.7904, 0.3684, 0.3255



50.7904, 0.3496, 0.3897

Rectangle

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



50.7904, 0.2596, 0.3288



50.7904, 0.2511, 0.2841



50.7904, 0.3684, 0.3255



50.7904, 0.3779, 0.3704

Sweetspot

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



50.7924, 0.2596, 0.3288



94.6438, 0.2943, 0.3289



47.9978, 0.3072, 0.4457



20.1444, 0.2923, 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.



50.7924, 0.2596, 0.3288



84.0889, 0.2511, 0.3288



34.7627, 0.2512, 0.2721



12.7263, 0.2984, 0.3289



29.9024, 0.2246, 0.3286



1.5429, 0.2246, 0.3286

Inverse Universe

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



31.2527, 0.3172, 0.2347



46.5681, 0.3180, 0.2167



40.2246, 0.3878, 0.3794



11.4037, 0.3138, 0.3062



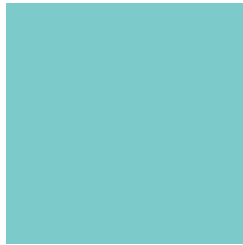
10.8217, 0.3210, 0.1542



0.5583, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 50.7904, 0.2596, 0.3288 looks on a white background.

Color Contrast Check

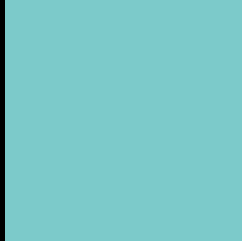
Large Text (above 18pt) WCAG AA × Fail

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 50.7904, 0.2596, 0.3288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

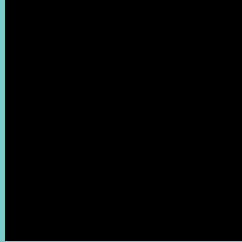
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

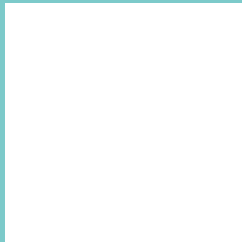
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.7904, 0.2596, 0.3288

Background



This preview shows how black text looks on a background with the Yxy color 50.7904, 0.2596, 0.3288.

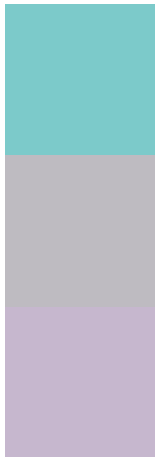


This preview shows how white text looks on a background with the Yxy color 50.7904, 0.2596, 0.3288.

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

50.7904, 0.2596, 0.3288

Protanopia

50.3381, 0.3106, 0.3215

Deuteranopia

50.3290, 0.3074, 0.3012



Tritanopia

50.8556, 0.2537, 0.3075

Trichromacy



Original Color

50.7904, 0.2596, 0.3288

Protanomaly

49.7918, 0.2896, 0.3237

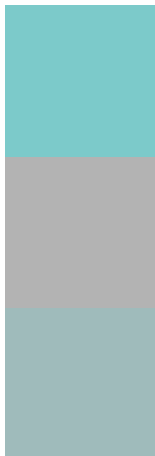
Deuteranomaly

49.8926, 0.2870, 0.3098

Tritanomaly

50.9885, 0.2561, 0.3154

Monochromacy



Original Color

50.7904, 0.2596, 0.3288

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

46.4994, 0.2903, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.7904, 0.2596, 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(124, 202, 202)` looks like.

```
.text, #text, p{  
    color:rgb(124, 202, 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(124, 202, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 202, 202) }
```

Border

The CSS property to change the border of an element to Yxy 50.7904, 0.2596, 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(124, 202, 202) }
```

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

```
.border{ border-color:rgb(124, 202, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 202, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(124, 202, 202); -webkit-box-shadow:4px 4px 4px 4px rgb(124, 202, 202); box-shadow:4px 4px 4px 4px rgb(124, 202, 202) }
```


Background

The CSS property to change the background color of an element to Yxy 50.7904, 0.2596, 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(124, 202, 202) }
```

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

```
.background{ background-color: rgb(124,  
202, 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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