

Converting Colors

$Yxy(51.7391, 0.2498, 0.3085)$

Have a look what the booklet for
Yxy(51.7391, 0.2498, 0.3085)
contains.

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Color

Yxy(51.9114, 0.2501, 0.3088)

Conversions

Conversions Part 1

Format	Color
Hex	7ACBDA
RGB	122, 203, 218
RGB Percent	48%, 80%, 85%
CMY	0.5214, 0.2039, 0.1450
CMYK	0.44, 0.07, 0.00, 0.14
HSL	189°, 56%, 67%
HSV	189°, 44%, 86%
XYZ	42.0435, 51.9114, 74.1519
YIQ	180.4910, -53.0910, -12.5070

Conversions

Conversions Part 2

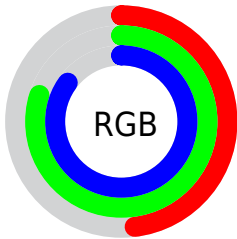
Format	Color
RYB	122, 166, 218
Decimal	8047578
CIELab	77.23, -20.87, -15.22
CIELCh	77, 25.836, 216.103
Yxy	51.9114, 0.2501, 0.3088
Android (android.graphics.Color)	4286237658 (0xFF7ACBDA)
YUV	180.4910, 18.4919, -51.2966
Hunter-Lab	72.0496, -21.9255, -10.5854

Details

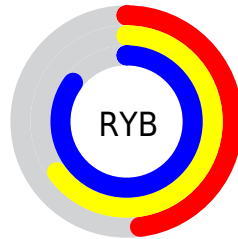
The Yxy color **51.9114, 0.2501, 0.3088** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **34.2284, 0.4204, 0.3476**, and the grayscale version is **45.8459, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.3237, 0.2696, 0.3289**, and **25.2631, 0.2346, 0.3033** is the 20% darker color. If you saturate the color by 10%, you get **48.9007, 0.2389, 0.3034**, and if you desaturate by 10%, it is **55.3187, 0.2628, 0.3139**.

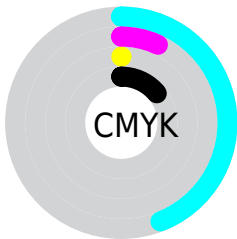
Distribution



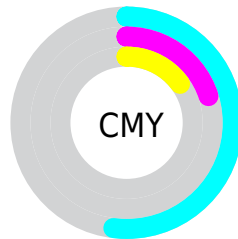
- Red (48%)
- Green (80%)
- Blue (85%)



- Red (48%)
- Yellow (65%)
- Blue (85%)



- Cyan (44%)
- Magenta (7%)
- Yellow (0%)
- Black (14%)





- Cyan (52%)
- Magenta (20%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.9114, 0.2501, 0.3088 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 51.9114, 0.2501, 0.3088 by changing the saturation by 10% instead.


 51.9114, 0.2501,
0.3088


 51.9114, 0.2501,
0.3088


394.0945, 0.2801,
0.3194

 36.9345, 0.2430,
0.3060


 93.0006, 0.2607,
0.3127

 25.1567, 0.2341,
0.3025


 119.8816, 0.2648,
0.3142

 16.1939, 0.2227,
0.2976


 151.4994, 0.2683,
0.3154

 9.6614, 0.2076,
0.2907

188.2384, 0.2713,
0.3164

 5.1751, 0.1866,
0.2803

230.4830, 0.2739,
0.3173

 2.3503, 0.1559,
0.2631

278.6177, 0.2762,

 0.8002, 0.0749,

0.3181

0.2389

333.0267, 0.2783,
0.3188

0.0000, 0.0000,
0.0000

51.9114, 0.2501,
0.3088

51.9114, 0.2501,
0.3088

48.9007, 0.2389,
0.3034

55.3187, 0.2628,
0.3139

46.2561, 0.2294,
0.2979

59.1387, 0.2766,
0.3188

43.9523, 0.2217,
0.2923

63.3938, 0.2913,
0.3233

41.9577, 0.2160,
0.2867

68.1029, 0.3065,
0.3274

40.2339, 0.2122,
0.2811

73.2838, 0.3220,
0.3312

■ 39.2950, 0.2105,
0.2778

■ 78.9532, 0.3375,
0.3346

■ 81.2056, 0.3385,
0.3380

■ 83.0911, 0.3380,
0.3413

■ 85.0138, 0.3375,
0.3447

Harmonies

Analogous

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



51.9114, 0.2665, 0.3419



51.9114, 0.2501, 0.3088



51.9114, 0.2494, 0.2840

Triad

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



51.9114, 0.2501, 0.3088



51.9114, 0.3276, 0.2904



51.9114, 0.3613, 0.3881

Complementary

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



51.9114, 0.2501, 0.3088



34.2284, 0.4204, 0.3476

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.



51.9114, 0.3799, 0.3700



51.9114, 0.2501, 0.3088



51.9114, 0.3601, 0.3146

Square

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



51.9114, 0.2501, 0.3088



51.9114, 0.2925, 0.2752



51.9114, 0.3797, 0.3431



51.9114, 0.3302, 0.3900

Rectangle

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



51.9114, 0.2501, 0.3088



51.9114, 0.2578, 0.2748



51.9114, 0.3797, 0.3431



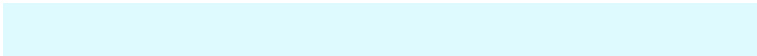
51.9114, 0.3693, 0.3835

Sweetspot

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



51.9134, 0.2501, 0.3088



90.9780, 0.2927, 0.3237



56.0880, 0.2984, 0.4452



19.1693, 0.2893, 0.3227



0.0000, 0.0000, 0.0000



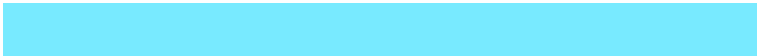
21.4041, 0.3127, 0.3290

Same Dimension

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



51.9134, 0.2501, 0.3088



69.9530, 0.2395, 0.3037



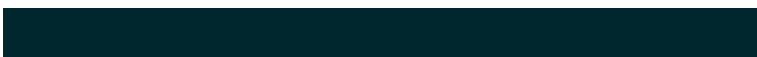
32.8591, 0.2385, 0.2410



14.4641, 0.2982, 0.3252



23.6653, 0.2107, 0.2787



1.6286, 0.2133, 0.2877

Inverse Universe

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



33.1505, 0.3327, 0.2364



40.5878, 0.3382, 0.2187



50.7769, 0.3940, 0.4028



13.2380, 0.3162, 0.3095



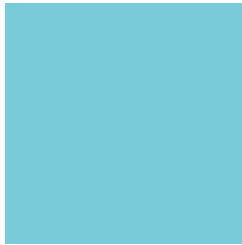
11.0128, 0.3647, 0.1783



0.7231, 0.3564, 0.1737

Previews

White Background



This preview shows how the Yxy color 51.9114, 0.2501, 0.3088 looks on a white background.

Color Contrast Check

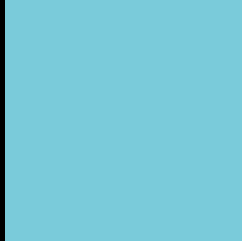
Large Text (above 18pt) WCAG AA × Fail

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 51.9114, 0.2501, 0.3088 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 51.9114, 0.2501, 0.3088

Background



This preview shows how black text looks on a background with the Yxy color 51.9114, 0.2501, 0.3088.



This preview shows how white text looks on a background with the Yxy color 51.9114, 0.2501, 0.3088.

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

51.9114, 0.2501, 0.3088

Protanopia

51.2613, 0.2971, 0.3032

Deuteranopia

51.3093, 0.2917, 0.2849



Tritanopia

51.9639, 0.2496, 0.3076

Trichromacy



Original Color

51.9114, 0.2501, 0.3088

Protanomaly

50.7859, 0.2775, 0.3047

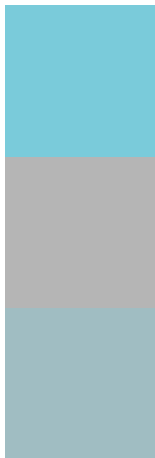
Deuteranomaly

51.1352, 0.2738, 0.2927

Tritanomaly

51.9639, 0.2496, 0.3076

Monochromacy



Original Color

51.9114, 0.2501, 0.3088

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

47.7638, 0.2863, 0.3223

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.9114, 0.2501, 0.3088 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(122, 203, 218)` looks like.

```
.text, #text, p{  
    color:rgb(122, 203, 218)  
}
```

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(122, 203, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 203, 218) }
```

Border

The CSS property to change the border of an element to Yxy 51.9114, 0.2501, 0.3088 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(122, 203, 218) }
```

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

```
.border{ border-color:rgb(122, 203, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 203, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(122, 203, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(122, 203, 218); box-shadow:4px 4px 4px 4px rgb(122, 203, 218) }
```


Background

The CSS property to change the background color of an element to Yxy 51.9114, 0.2501, 0.3088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 203, 218) }
```

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

```
.background{ background-color: rgb(122,  
203, 218) }
```

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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