

Converting Colors

$Yxy(53.7016, 0.2498, 0.3078)$

Have a look what the booklet for
Yxy(53.7016, 0.2498, 0.3078)
contains.

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Color

Yxy(53.7016, 0.2498, 0.3078)

Conversions

Conversions Part 1

Format	Color
Hex	7CCEDE
RGB	124, 206, 222
RGB Percent	49%, 81%, 87%
CMY	0.5132, 0.1922, 0.1294
CMYK	0.44, 0.07, 0.00, 0.13
HSL	190°, 60%, 68%
HSV	190°, 44%, 87%
XYZ	43.5824, 53.7016, 77.1851
YIQ	183.3060, -54.0080, -12.4080

Conversions

Conversions Part 2

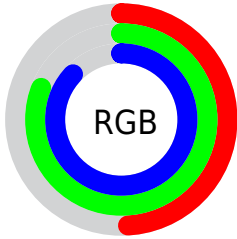
Format	Color
R _{YB}	124, 169, 222
Decimal	8179422
CIE Lab	78.29, -20.85, -15.76
CIE LCh	78, 26.138, 217.093
Yxy	53.7016, 0.2498, 0.3078
Android (android.graphics.Color)	4286369502 (0xFF7CCEDE)
YUV	183.3060, 19.0761, -52.0114
Hunter-Lab	73.2814, -22.0837, -11.1515

Details

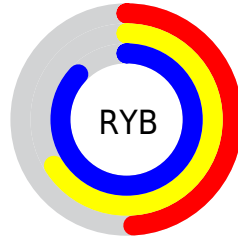
The Yxy color **53.7016, 0.2498, 0.3078** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **35.7913, 0.4204, 0.3485**, and the grayscale version is **47.4620, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.5638, 0.2706, 0.3289**, and **26.4047, 0.2339, 0.3020** is the 20% darker color. If you saturate the color by 10%, you get **50.4994, 0.2385, 0.3022**, and if you desaturate by 10%, it is **57.3209, 0.2625, 0.3132**.

Distribution



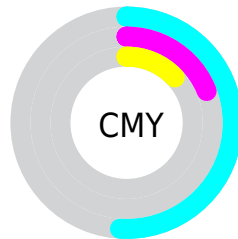
- Red (49%)
- Green (81%)
- Blue (87%)



- Red (49%)
- Yellow (66%)
- Blue (87%)



- Cyan (44%)
- Magenta (7%)
- Yellow (0%)
- Black (13%)





- Cyan (51%)
- Magenta (19%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.7016, 0.2498, 0.3078 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 53.7016, 0.2498, 0.3078 by changing the saturation by 10% instead.

 53.7016, 0.2498,
0.3078

 53.7016, 0.2498,
0.3078


400.9711, 0.2798,
0.3188

 38.3631, 0.2428,
0.3050

 95.6360, 0.2604,
0.3119

 26.2647, 0.2340,
0.3013


 123.0007, 0.2644,
0.3134

 17.0217, 0.2228,
0.2964


 155.1429, 0.2679,
0.3146

 10.2500, 0.2079,
0.2894

192.4471, 0.2709,
0.3157

 5.5650, 0.1875,
0.2790

235.2976, 0.2735,
0.3167

 2.5824, 0.1579,
0.2621

284.0789, 0.2759,

 0.9178, 0.0934,

0.3175

0.2361

339.1752, 0.2779,
0.3182

0.0000, 0.0000,
0.0000

53.7016, 0.2498,
0.3078

53.7016, 0.2498,
0.3078

50.4994, 0.2385,
0.3022

57.3209, 0.2625,
0.3132

47.6825, 0.2289,
0.2964

61.3743, 0.2764,
0.3183

45.2243, 0.2212,
0.2905

65.8852, 0.2912,
0.3230

43.0917, 0.2154,
0.2846

70.8735, 0.3064,
0.3273

41.2442, 0.2115,
0.2787

76.3577, 0.3219,
0.3313

■ 40.2482, 0.2098,
0.2753

■ 81.9106, 0.3357,
0.3348

■ 83.9299, 0.3352,
0.3384

■ 85.9914, 0.3347,
0.3420

■ 88.0955, 0.3342,
0.3456

Harmonies

Analogous

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



53.7016, 0.2657, 0.3407



53.7016, 0.2498, 0.3078



53.7016, 0.2496, 0.2834

Triad

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



53.7016, 0.2498, 0.3078



53.7016, 0.3288, 0.2910



53.7016, 0.3605, 0.3884

Complementary

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



53.7016, 0.2498, 0.3078



35.7913, 0.4204, 0.3485

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.



53.7016, 0.3796, 0.3708



53.7016, 0.2498, 0.3078



53.7016, 0.3610, 0.3155

Square

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



53.7016, 0.2498, 0.3078



53.7016, 0.2936, 0.2755



53.7016, 0.3800, 0.3441



53.7016, 0.3290, 0.3898

Rectangle

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



53.7016, 0.2498, 0.3078



53.7016, 0.2583, 0.2745



53.7016, 0.3800, 0.3441



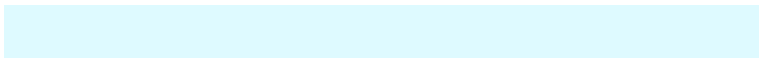
53.7016, 0.3686, 0.3841

Sweetspot

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



53.7037, 0.2498, 0.3078



90.8310, 0.2926, 0.3234



58.4031, 0.2983, 0.4456



19.1326, 0.2893, 0.3224



0.0000, 0.0000, 0.0000



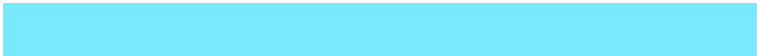
21.4041, 0.3127, 0.3290

Same Dimension

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



53.7037, 0.2498, 0.3078



69.4052, 0.2392, 0.3026



34.1541, 0.2383, 0.2407



15.1701, 0.2982, 0.3251



24.0423, 0.2101, 0.2762



1.7697, 0.2126, 0.2852

Inverse Universe

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



34.4333, 0.3335, 0.2368



40.5325, 0.3391, 0.2195



52.8510, 0.3943, 0.4030



13.8951, 0.3163, 0.3096



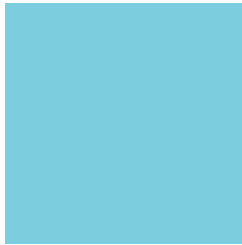
11.3351, 0.3670, 0.1795



0.7961, 0.3587, 0.1750

Previews

White Background



This preview shows how the Yxy color 53.7016, 0.2498, 0.3078 looks on a white background.

Color Contrast Check

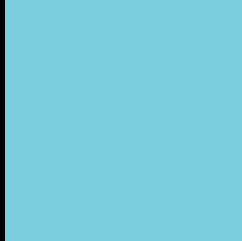
Large Text (above 18pt) WCAG AA × Fail

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 53.7016, 0.2498, 0.3078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

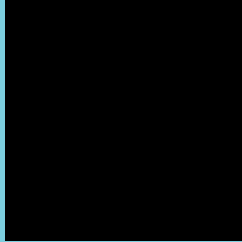
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.7016, 0.2498, 0.3078

Background



This preview shows how black text looks on a background with the Yxy color 53.7016, 0.2498, 0.3078.



This preview shows how white text looks on a background with the Yxy color 53.7016, 0.2498, 0.3078.

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

53.7016, 0.2498, 0.3078

Protanopia

53.0128, 0.2959, 0.3023

Deuteranopia

53.0595, 0.2905, 0.2843



Tritanopia

53.7554, 0.2492, 0.3066

Trichromacy



Original Color

53.7016, 0.2498, 0.3078

Protanomaly

52.5447, 0.2767, 0.3037

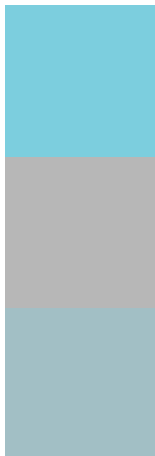
Deuteranomaly

52.9015, 0.2730, 0.2919

Tritanomaly

53.7554, 0.2492, 0.3066

Monochromacy



Original Color

53.7016, 0.2498, 0.3078

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

48.9742, 0.2858, 0.3210

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7016, 0.2498, 0.3078 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, 206, 222)` looks like.

```
.text, #text, p{  
    color:rgb(124, 206, 222)  
}
```

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, 206, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 206, 222) }
```

Border

The CSS property to change the border of an element to Yxy 53.7016, 0.2498, 0.3078 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, 206, 222) }
```

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

```
.border{ border-color:rgb(124, 206, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 206, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 206, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 206, 222);  
box-shadow:4px 4px 4px 4px rgb(124, 206,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7016, 0.2498, 0.3078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 206, 222) }
```

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

```
.background{ background-color: rgb(124,  
206, 222) }
```

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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