

Converting Colors

$Y_{xy}(54.4038, 0.2390, 0.3140)$

Have a look what the booklet for
Yxy(54.4038, 0.2390, 0.3140)
contains.

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Color

Yxy(54.4038, 0.2390, 0.3140)

Conversions

Conversions Part 1

Format	Color
Hex	61D3DE
RGB	97, 211, 222
RGB Percent	38%, 83%, 87%
CMY	0.6197, 0.1725, 0.1293
CMYK	0.56, 0.05, 0.00, 0.13
HSL	185°, 65%, 63%
HSV	185°, 56%, 87%
XYZ	41.4093, 54.4038, 77.4474
YIQ	178.1680, -71.4750, -20.7470

Conversions

Conversions Part 2

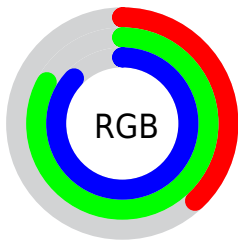
Format	Color
RYB	97, 157, 222
Decimal	6411230
CIELab	78.70, -29.13, -15.26
CIELCh	79, 32.886, 207.648
Yxy	54.4038, 0.2390, 0.3140
Android (android.graphics.Color)	4284601310 (0xFF61D3DE)
YUV	178.1680, 21.6092, -71.1843
Hunter-Lab	73.7589, -28.8658, -10.6237

Details

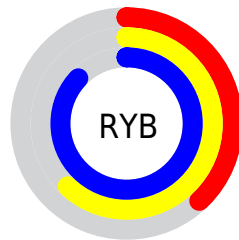
The Yxy color **54.4038, 0.2390, 0.3140** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **27.1219, 0.4747, 0.3419**, and the grayscale version is **44.5239, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.0091, 0.2596, 0.3288**, and **26.6861, 0.2208, 0.3086** is the 20% darker color. If you saturate the color by 10%, you get **52.3856, 0.2308, 0.3110**, and if you desaturate by 10%, it is **56.7792, 0.2490, 0.3170**.

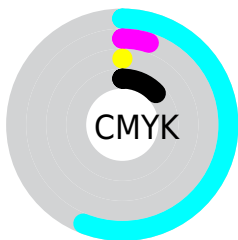
Distribution



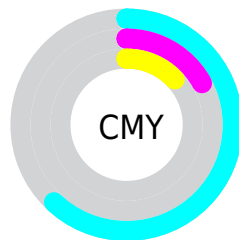
- Red (38%)
- Green (83%)
- Blue (87%)



- Red (38%)
- Yellow (62%)
- Blue (87%)



- Cyan (56%)
- Magenta (5%)
- Yellow (0%)
- Black (13%)





- Cyan (62%)
- Magenta (17%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.4038, 0.2390, 0.3140 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 54.4038, 0.2390, 0.3140 by changing the saturation by 10% instead.


 54.4038, 0.2390,
0.3140


 54.4038, 0.2390,
0.3140

403.6480, 0.2739,
0.3223

 38.9246, 0.2309,
0.3117


 96.6669, 0.2512,
0.3172


 26.7011, 0.2208,
0.3088


 124.2195, 0.2560,
0.3183

 17.3488, 0.2080,
0.3047


 156.5655, 0.2600,
0.3192

 10.4835, 0.1912,
0.2987

 194.0891, 0.2635,
0.3200

 5.7207, 0.1683,
0.2896

237.1747, 0.2666,
0.3207

 2.6760, 0.1360,
0.2740

286.2068, 0.2693,

 0.9650, 0.0536,

0.3213

0.2538

341.5698, 0.2717,
0.3218

0.0000, 0.0000,
0.0000

54.4038, 0.2390,
0.3140

54.4038, 0.2390,
0.3140

52.3856, 0.2308,
0.3110

56.7792, 0.2490,
0.3170

50.6891, 0.2246,
0.3079

59.5315, 0.2607,
0.3199

49.2820, 0.2202,
0.3049

62.6862, 0.2738,
0.3226

48.1215, 0.2176,
0.3019

66.2649, 0.2879,
0.3252

47.7295, 0.2169,
0.3008

70.2875, 0.3029,
0.3276

■ 74.7727, 0.3185,
0.3298

■ 79.7380, 0.3342,
0.3318

■ 81.2921, 0.3358,
0.3337

■ 82.3672, 0.3356,
0.3356

Harmonies

Analogous

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



54.4038, 0.2638, 0.3570



54.4038, 0.2390, 0.3140



54.4038, 0.2328, 0.2795

Triad

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



54.4038, 0.2390, 0.3140



54.4038, 0.3183, 0.2749



54.4038, 0.3817, 0.3976

Complementary

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



54.4038, 0.2390, 0.3140



27.1219, 0.4747, 0.3419

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.



54.4038, 0.3994, 0.3702



54.4038, 0.2390, 0.3140



54.4038, 0.3617, 0.3017

Square

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



54.4038, 0.2390, 0.3140



54.4038, 0.2761, 0.2602



54.4038, 0.3922, 0.3356



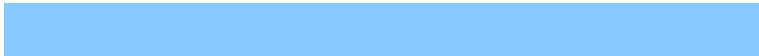
54.4038, 0.3458, 0.4079

Rectangle

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



54.4038, 0.2390, 0.3140



54.4038, 0.2394, 0.2654



54.4038, 0.3922, 0.3356



54.4038, 0.3901, 0.3899

Sweetspot

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



54.4059, 0.2390, 0.3140



90.2703, 0.2868, 0.3250



55.8692, 0.2995, 0.4961



19.1011, 0.2838, 0.3245



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.



54.4059, 0.2390, 0.3140



71.1450, 0.2293, 0.3103



29.3353, 0.2196, 0.2231



15.3548, 0.2982, 0.3269



28.4250, 0.2170, 0.3012



2.0318, 0.2183, 0.3059

Inverse Universe

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



28.7818, 0.3305, 0.2060



33.5084, 0.3348, 0.1873



45.1178, 0.4267, 0.4127



13.9137, 0.3151, 0.3079



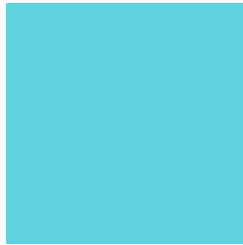
11.7776, 0.3443, 0.1670



0.8226, 0.3403, 0.1648

Previews

White Background



This preview shows how the Yxy color 54.4038, 0.2390, 0.3140 looks on a white background.

Color Contrast Check

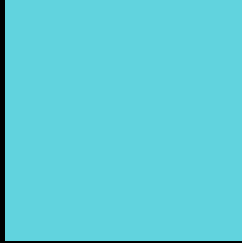
Large Text (above 18pt) WCAG AA × Fail

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 54.4038, 0.2390, 0.3140 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 54.4038, 0.2390, 0.3140

Background



This preview shows how black text looks on a background with the Yxy color 54.4038, 0.2390, 0.3140.



This preview shows how white text looks on a background with the Yxy color 54.4038, 0.2390, 0.3140.

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

54.4038, 0.2390, 0.3140

Protanopia

53.5589, 0.2995, 0.3072

Deuteranopia

53.6770, 0.2906, 0.2845



Tritanopia

54.2919, 0.2372, 0.3062

Trichromacy



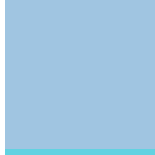
Original Color

54.4038, 0.2390, 0.3140



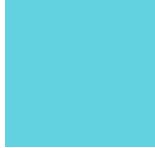
Protanomaly

52.8700, 0.2722, 0.3097



Deuteranomaly

52.8423, 0.2673, 0.2939



Tritanomaly

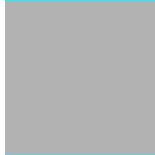
54.1261, 0.2378, 0.3088

Monochromacy



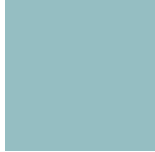
Original Color

54.4038, 0.2390, 0.3140



Achromatopsia

44.5201, 0.3127, 0.3290



Achromatomaly

47.1115, 0.2784, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.4038, 0.2390, 0.3140 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(97, 211, 222)` looks like.

```
.text, #text, p{  
    color:rgb(97, 211, 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(97, 211, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 211, 222) }
```

Border

The CSS property to change the border of an element to Yxy 54.4038, 0.2390, 0.3140 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(97, 211, 222) }
```

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

```
.border{ border-color:rgb(97, 211, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 211, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 211, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 211, 222);  
box-shadow:4px 4px 4px 4px rgb(97, 211,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4038, 0.2390, 0.3140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 211, 222) }
```

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

```
.background{ background-color: rgb(97, 211,  
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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