

Converting Colors

$Yxy(54.2208, 0.2411, 0.3261)$

Have a look what the booklet for
Yxy(54.2208, 0.2411, 0.3261)
contains.

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Color

Yxy(54.2173, 0.2411, 0.3261)

Conversions

Conversions Part 1

Format	Color
Hex	5CD4D6
RGB	92, 212, 214
RGB Percent	36%, 83%, 84%
CMY	0.6396, 0.1686, 0.1609
CMYK	0.57, 0.01, 0.00, 0.16
HSL	181°, 60%, 60%
HSV	181°, 57%, 84%
XYZ	40.0852, 54.2173, 71.9572
YIQ	176.3480, -72.1620, -24.8180

Conversions

Conversions Part 2

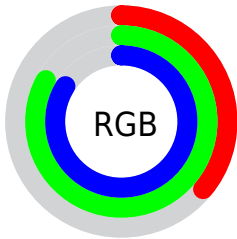
Format	Color
R_{YB}	92, 152, 214
Decimal	6083798
CIE _{Lab}	78.59, -32.75, -11.12
CIE _{LCh}	79, 34.586, 198.763
Yxy	54.2173, 0.2411, 0.3261
Android (android.graphics.Color)	4284273878 (0xFF5CD4D6)
YUV	176.3480, 18.5624, -73.9732
Hunter-Lab	73.6324, -31.6819, -6.3984

Details

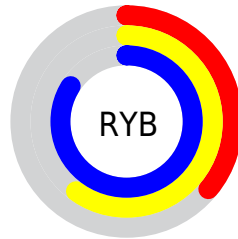
The Yxy color **54.2173, 0.2411, 0.3261** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **23.0470, 0.4843, 0.3318**, and the grayscale version is **43.5245, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.5123, 0.2574, 0.3288**, and **26.6171, 0.2236, 0.3250** is the 20% darker color. If you saturate the color by 10%, you get **53.0978, 0.2340, 0.3256**, and if you desaturate by 10%, it is **55.6523, 0.2501, 0.3267**.

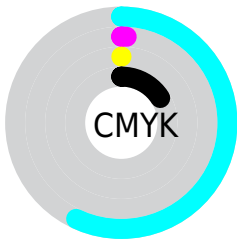
Distribution



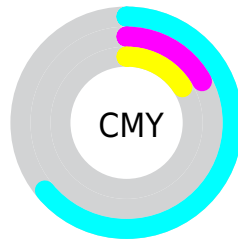
- Red (36%)
- Green (83%)
- Blue (84%)



- Red (36%)
- Yellow (60%)
- Blue (84%)



- Cyan (57%)
- Magenta (1%)
- Yellow (0%)
- Black (16%)





- Cyan (64%)
- Magenta (17%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.2173, 0.2411, 0.3261 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 54.2173, 0.2411, 0.3261 by changing the saturation by 10% instead.


 54.2173, 0.2411,
0.3261


 54.2173, 0.2411,
0.3261


402.9381, 0.2752,
0.3284


 38.7754, 0.2331,
0.3253

 96.3932, 0.2531,
0.3271

 26.5851, 0.2232,
0.3241


 123.8961, 0.2577,
0.3275

 17.2618, 0.2105,
0.3224


 156.1880, 0.2617,
0.3277

 10.4214, 0.1938,
0.3196

 193.6534, 0.2651,
0.3279

 5.6792, 0.1709,
0.3149

236.6768, 0.2681,
0.3281

 2.6510, 0.1381,
0.3058

285.6424, 0.2707,

 0.9524, 0.0332,

0.3282

0.3030

340.9347, 0.2731,
0.3283

0.0000, 0.0000,
0.0000

54.2173, 0.2411,
0.3261

54.2173, 0.2411,
0.3261

53.0978, 0.2340,
0.3256

55.6523, 0.2501,
0.3267

52.2607, 0.2288,
0.3250

57.4204, 0.2610,
0.3272

51.6765, 0.2254,
0.3245

59.5454, 0.2734,
0.3277

51.3034, 0.2237,
0.3240

62.0468, 0.2871,
0.3282

51.2123, 0.2233,
0.3238

64.9429, 0.3019,
0.3287

■ 68.2510, 0.3173,
0.3291

■ 71.9869, 0.3333,
0.3295

■ 74.5991, 0.3432,
0.3299

■ 74.7745, 0.3432,
0.3302

Harmonies

Analogous

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



54.2173, 0.2721, 0.3715



54.2173, 0.2411, 0.3261



54.2173, 0.2287, 0.2860

Triad

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



54.2173, 0.2411, 0.3261



54.2173, 0.3046, 0.2662



54.2173, 0.3932, 0.3938

Complementary

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



54.2173, 0.2411, 0.3261



23.0470, 0.4843, 0.3318

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.



54.2173, 0.4046, 0.3616



54.2173, 0.2411, 0.3261



54.2173, 0.3514, 0.2909

Square

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



54.2173, 0.2411, 0.3261



54.2173, 0.2632, 0.2554



54.2173, 0.3892, 0.3248



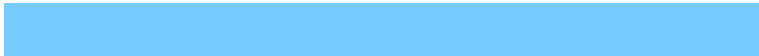
54.2173, 0.3599, 0.4114

Rectangle

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



54.2173, 0.2411, 0.3261



54.2173, 0.2317, 0.2677



54.2173, 0.3892, 0.3248



54.2173, 0.3998, 0.3841

Sweetspot

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



54.2194, 0.2411, 0.3261



92.2405, 0.2869, 0.3282



51.1253, 0.3041, 0.5119



19.5720, 0.2841, 0.3281



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.



54.2194, 0.2411, 0.3261



78.7473, 0.2330, 0.3255



29.8885, 0.2221, 0.2378



14.0719, 0.2983, 0.3286



30.9763, 0.2233, 0.3239



1.8796, 0.2236, 0.3248

Inverse Universe

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



26.6856, 0.3211, 0.1973



34.2759, 0.3225, 0.1788



37.8284, 0.4361, 0.4020



12.6291, 0.3140, 0.3064



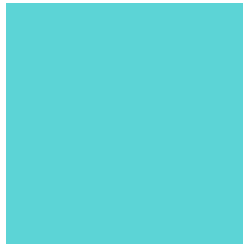
11.4719, 0.3249, 0.1564



0.6931, 0.3242, 0.1560

Previews

White Background



This preview shows how the Yxy color 54.2173, 0.2411, 0.3261 looks on a white background.

Color Contrast Check

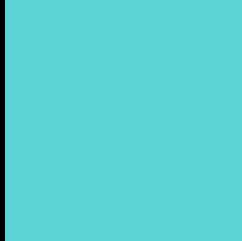
Large Text (above 18pt) WCAG AA × Fail

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 54.2173, 0.2411, 0.3261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

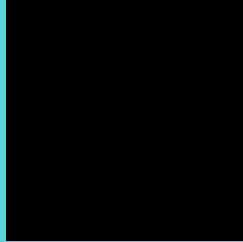
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.2173, 0.2411, 0.3261

Background



This preview shows how black text looks on a background with the Yxy color 54.2173, 0.2411, 0.3261.



This preview shows how white text looks on a background with the Yxy color 54.2173, 0.2411, 0.3261.

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

54.2173, 0.2411, 0.3261

Protanopia

53.4329, 0.3069, 0.3168

Deuteranopia

53.3603, 0.2993, 0.2926



Tritanopia

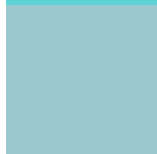
54.1806, 0.2365, 0.3062

Trichromacy



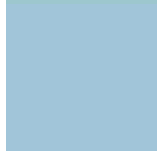
Original Color

54.2173, 0.2411, 0.3261



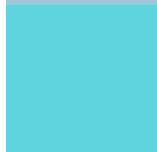
Protanomaly

52.4712, 0.2771, 0.3198



Deuteranomaly

52.5193, 0.2728, 0.3036



Tritanomaly

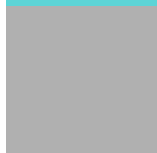
54.2954, 0.2383, 0.3140

Monochromacy



Original Color

54.2173, 0.2411, 0.3261



Achromatopsia

43.4154, 0.3127, 0.3290



Achromatomaly

46.1326, 0.2781, 0.3275

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2173, 0.2411, 0.3261 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(92, 212, 214)` looks like.

```
.text, #text, p{  
    color:rgb(92, 212, 214)  
}
```

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(92, 212, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 212, 214) }
```

Border

The CSS property to change the border of an element to Yxy 54.2173, 0.2411, 0.3261 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(92, 212, 214) }
```

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

```
.border{ border-color:rgb(92, 212, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 212, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 212, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 212, 214);  
box-shadow:4px 4px 4px 4px rgb(92, 212,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2173, 0.2411, 0.3261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 212, 214) }
```

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

```
.background{ background-color: rgb(92, 212,  
214) }
```

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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