

Converting Colors

$Yxy(54.5952, 0.2424, 0.3288)$

Have a look what the booklet for
Yxy(54.5952, 0.2424, 0.3288)
contains.

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Color

Yxy(54.7198, 0.2423, 0.3288)

Conversions

Conversions Part 1

Format	Color
Hex	5DD5D5
RGB	93, 213, 213
RGB Percent	36%, 84%, 84%
CMY	0.6349, 0.1647, 0.1648
CMYK	0.56, 0.00, 0.00, 0.16
HSL	180°, 59%, 60%
HSV	180°, 56%, 84%
XYZ	40.3242, 54.7198, 71.3787
YIQ	177.1200, -71.5200, -25.4400

Conversions

Conversions Part 2

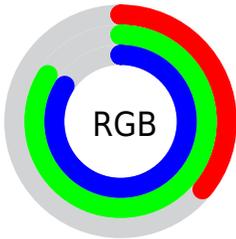
Format	Color
RYB	93, 153, 213
Decimal	6149589
CIELab	78.88, -33.26, -10.15
CIELCh	79, 34.775, 196.978
Yxy	54.7198, 0.2423, 0.3288
Android (android.graphics.Color)	4284339669 (0xFF5DD5D5)
YUV	177.1200, 17.6888, -73.7732
Hunter-Lab	73.9728, -32.1481, -5.4298

Details

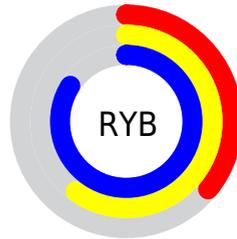
The Yxy color **54.7198, 0.2423, 0.3288** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **22.7833, 0.4822, 0.3295**, and the grayscale version is **43.9796, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.6100, 0.2579, 0.3288**, and **26.9417, 0.2250, 0.3287** is the 20% darker color. If you saturate the color by 10%, you get **53.7596, 0.2352, 0.3288**, and if you desaturate by 10%, it is **55.9938, 0.2513, 0.3288**.

Distribution



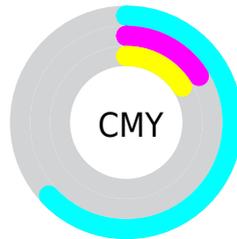
- Red (36%)
- Green (84%)
- Blue (84%)



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



- Cyan (56%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)



- Cyan (63%)
- Magenta (16%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.7198, 0.2423, 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 54.7198, 0.2423, 0.3288 by changing the saturation by 10% instead.

 54.7198, 0.2423,
0.3288

 54.7198, 0.2423,
0.3288

404.8489, 0.2758,
0.3298

 39.1774, 0.2345,
0.3283

 97.1303, 0.2541,
0.3293

 26.8978, 0.2247,
0.3276

 124.7672, 0.2586,
0.3295

 17.4965, 0.2122,
0.3265

 157.2044, 0.2625,
0.3296

 10.5891, 0.1958,
0.3245

 194.8264, 0.2659,
0.3296

 5.7913, 0.1732,
0.3209

238.0174, 0.2688,
0.3297

 2.7186, 0.1408,
0.3137

287.1619, 0.2714,

 0.9866, 0.0390,

0.3297

0.3141

342.6443, 0.2737,
0.3297

■ 0.0000, 0.0000,
0.0000

■ 54.7198, 0.2423,
0.3288

■ 54.7198, 0.2423,
0.3288

■ 53.7596, 0.2352,
0.3288

■ 55.9938, 0.2513,
0.3288

■ 53.0804, 0.2300,
0.3288

■ 57.5986, 0.2621,
0.3289

■ 52.6536, 0.2267,
0.3288

■ 59.5575, 0.2745,
0.3289

■ 52.4404, 0.2251,
0.3288

■ 61.8899, 0.2882,
0.3289

■ 52.3894, 0.2247,
0.3288

■ 64.6136, 0.3030,
0.3290

67.7456, 0.3185,
0.3290

71.3017, 0.3345,
0.3291

73.6502, 0.3443,
0.3291

73.6502, 0.3443,
0.3291

Harmonies

Analogous

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



54.7198, 0.2743, 0.3741



54.7198, 0.2423, 0.3288



54.7198, 0.2287, 0.2879

Triad

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



54.7198, 0.2423, 0.3288



54.7198, 0.3018, 0.2650



54.7198, 0.3947, 0.3923

Complementary

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



54.7198, 0.2423, 0.3288



22.7833, 0.4822, 0.3295

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.



54.7198, 0.4047, 0.3595



54.7198, 0.2423, 0.3288



54.7198, 0.3488, 0.2890

Square

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



54.7198, 0.2423, 0.3288



54.7198, 0.2610, 0.2551



54.7198, 0.3876, 0.3226



54.7198, 0.3624, 0.4112

Rectangle

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



54.7198, 0.2423, 0.3288



54.7198, 0.2309, 0.2688



54.7198, 0.3876, 0.3226



54.7198, 0.4009, 0.3824

Sweetspot

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



54.7219, 0.2423, 0.3288



92.6849, 0.2870, 0.3289



50.8162, 0.3053, 0.5087



19.6783, 0.2841, 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.



54.7219, 0.2423, 0.3288



80.5153, 0.2338, 0.3288



30.5936, 0.2239, 0.2424



14.1079, 0.2983, 0.3290



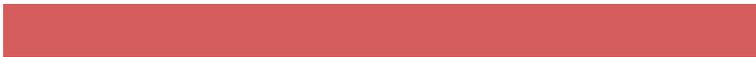
32.0034, 0.2247, 0.3288



1.9303, 0.2247, 0.3288

Inverse Universe

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



22.7833, 0.4822, 0.3295



27.8377, 0.5416, 0.3297



37.0861, 0.4355, 0.3989



12.4208, 0.3291, 0.3290



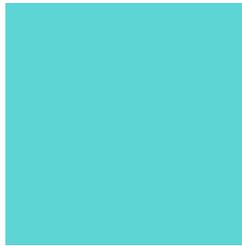
8.6411, 0.6401, 0.3300



0.5212, 0.6400, 0.3300

Previews

White Background



This preview shows how the Yxy color 54.7198, 0.2423, 0.3288 looks on a white background.

Color Contrast Check

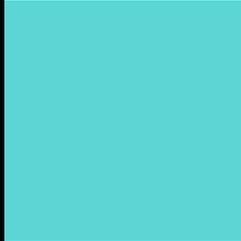
Large Text (above 18pt) WCAG AA × Fail

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 54.7198, 0.2423, 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 54.7198, 0.2423, 0.3288

Background



This preview shows how black text looks on a background with the Yxy color 54.7198, 0.2423, 0.3288.



This preview shows how white text looks on a background with the Yxy color 54.7198, 0.2423, 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

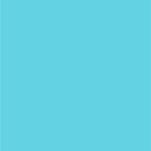
54.7198, 0.2423, 0.3288

Protanopia

53.9591, 0.3084, 0.3193

Deuteranopia

53.8747, 0.3008, 0.2950



Tritanopia

54.8426, 0.2371, 0.3063

Trichromacy



Original Color

54.7198, 0.2423, 0.3288



Protanomaly

52.9854, 0.2785, 0.3224



Deuteranomaly

53.0274, 0.2742, 0.3061



Tritanomaly

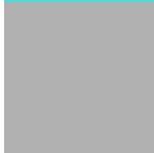
54.9561, 0.2389, 0.3141

Monochromacy



Original Color

54.7198, 0.2423, 0.3288



Achromatopsia

43.9657, 0.3127, 0.3290



Achromatomaly

46.6556, 0.2789, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.7198, 0.2423, 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(93, 213, 213)` looks like.

```
.text, #text, p{  
    color:rgb(93, 213, 213)  
}
```

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(93, 213, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 213, 213) }
```

Border

The CSS property to change the border of an element to Yxy 54.7198, 0.2423, 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(93, 213, 213) }
```

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

```
.border{ border-color:rgb(93, 213, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 213, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 213, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 213, 213);  
box-shadow:4px 4px 4px 4px rgb(93, 213,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 54.7198, 0.2423, 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(93, 213, 213) }
```

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

```
.background{ background-color: rgb(93, 213,  
213) }
```

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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