

Converting Colors

$Yxy(54.6803, 0.2484, 0.3195)$

Have a look what the booklet for
Yxy(54.6803, 0.2484, 0.3195)
contains.

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Color

Yxy(54.6803, 0.2484, 0.3195)

Conversions

Conversions Part 1

Format	Color
Hex	72D2D9
RGB	114, 210, 217
RGB Percent	45%, 82%, 85%
CMY	0.5528, 0.1765, 0.1491
CMYK	0.47, 0.03, 0.00, 0.15
HSL	184°, 58%, 65%
HSV	184°, 47%, 85%
XYZ	42.5120, 54.6803, 73.9510
YIQ	182.0940, -59.4630, -18.1750

Conversions

Conversions Part 2

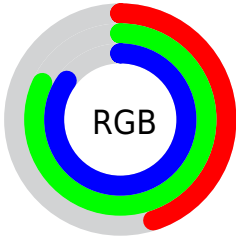
Format	Color
RYB	114, 164, 217
Decimal	7525081
CIELab	78.86, -26.49, -12.26
CIELCh	79, 29.184, 204.832
Yxy	54.6803, 0.2484, 0.3195
Android (android.graphics.Color)	4285715161 (0xFF72D2D9)
YUV	182.0940, 17.2087, -59.7184
Hunter-Lab	73.9461, -26.7852, -7.5316

Details

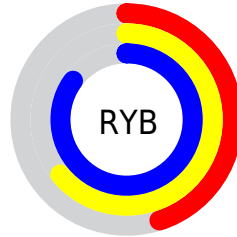
The Yxy color **54.6803, 0.2484, 0.3195** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **29.6461, 0.4386, 0.3378**, and the grayscale version is **46.7667, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.5107, 0.2662, 0.3289**, and **26.8082, 0.2323, 0.3160** is the 20% darker color. If you saturate the color by 10%, you get **52.6713, 0.2388, 0.3172**, and if you desaturate by 10%, it is **57.0453, 0.2597, 0.3217**.

Distribution



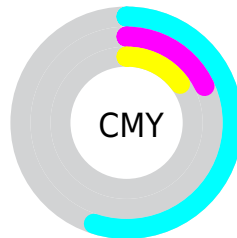
- Red (45%)
- Green (82%)
- Blue (85%)



- Red (45%)
- Yellow (64%)
- Blue (85%)



- Cyan (47%)
- Magenta (3%)
- Yellow (0%)
- Black (15%)





- Cyan (55%)
- Magenta (18%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.6803, 0.2484, 0.3195 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 54.6803, 0.2484, 0.3195 by changing the saturation by 10% instead.


 54.6803, 0.2484,
0.3195


 54.6803, 0.2484,
0.3195


404.6989, 0.2790,
0.3249

 39.1458, 0.2412,
0.3180


 97.0724, 0.2592,
0.3216

 26.8732, 0.2323,
0.3160


 124.6988, 0.2633,
0.3223

 17.4780, 0.2209,
0.3132


 157.1246, 0.2669,
0.3229

 10.5759, 0.2057,
0.3091

194.7342, 0.2699,
0.3234

 5.7824, 0.1849,
0.3027

237.9121, 0.2726,
0.3239

 2.7132, 0.1548,
0.2914

287.0426, 0.2750,

 0.9839, 0.0804,

0.3243

0.2773

342.5100, 0.2771,
0.3246

0.0000, 0.0000,
0.0000

54.6803, 0.2484,
0.3195

54.6803, 0.2484,
0.3195

52.6713, 0.2388,
0.3172

57.0453, 0.2597,
0.3217

50.9873, 0.2311,
0.3149

59.7824, 0.2724,
0.3238

49.6021, 0.2253,
0.3126

62.9143, 0.2864,
0.3258

48.4830, 0.2214,
0.3103

66.4598, 0.3012,
0.3277

47.5851, 0.2192,
0.3080

70.4367, 0.3167,
0.3294

■ 47.3723, 0.2187,
0.3074

■ 74.8618, 0.3325,
0.3310

■ 77.6191, 0.3402,
0.3324

■ 78.3971, 0.3400,
0.3339

■ 79.1820, 0.3398,
0.3354

Harmonies

Analogous

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



54.6803, 0.2722, 0.3573



54.6803, 0.2484, 0.3195



54.6803, 0.2411, 0.2877

Triad

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



54.6803, 0.2484, 0.3195



54.6803, 0.3141, 0.2788



54.6803, 0.3764, 0.3885

Complementary

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



54.6803, 0.2484, 0.3195



29.6461, 0.4386, 0.3378

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.



54.6803, 0.3899, 0.3635



54.6803, 0.2484, 0.3195



54.6803, 0.3528, 0.3021

Square

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



54.6803, 0.2484, 0.3195



54.6803, 0.2772, 0.2669



54.6803, 0.3813, 0.3323



54.6803, 0.3458, 0.3987

Rectangle

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



54.6803, 0.2484, 0.3195



54.6803, 0.2459, 0.2738



54.6803, 0.3813, 0.3323



54.6803, 0.3831, 0.3813

Sweetspot

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



54.6824, 0.2484, 0.3195



92.3102, 0.2912, 0.3265



54.5779, 0.3021, 0.4684



19.5279, 0.2881, 0.3261



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.



54.6824, 0.2484, 0.3195



75.8983, 0.2388, 0.3172



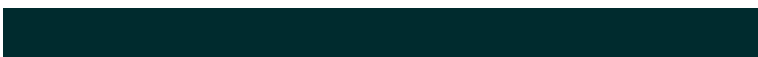
33.2644, 0.2348, 0.2456



14.6703, 0.2982, 0.3274



28.7430, 0.2188, 0.3078



1.9086, 0.2199, 0.3115

Inverse Universe

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



31.4457, 0.3251, 0.2210



38.9372, 0.3281, 0.2019



45.6140, 0.4063, 0.3988



13.2588, 0.3148, 0.3075



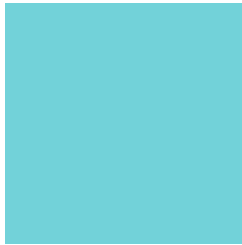
11.5254, 0.3386, 0.1639



0.7514, 0.3354, 0.1622

Previews

White Background



This preview shows how the Yxy color 54.6803, 0.2484, 0.3195 looks on a white background.

Color Contrast Check

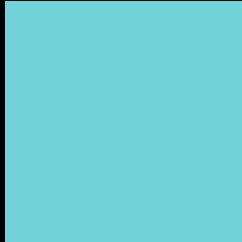
Large Text (above 18pt) WCAG AA × Fail

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 54.6803, 0.2484, 0.3195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

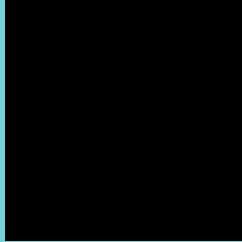
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

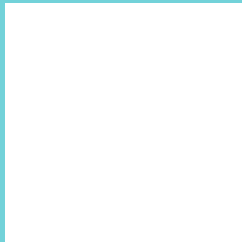
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.6803, 0.2484, 0.3195

Background



This preview shows how black text looks on a background with the Yxy color 54.6803, 0.2484, 0.3195.

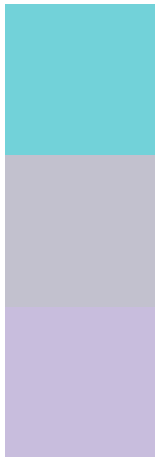


This preview shows how white text looks on a background with the Yxy color 54.6803, 0.2484, 0.3195.

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

54.6803, 0.2484, 0.3195

Protanopia

54.0655, 0.3040, 0.3133

Deuteranopia

53.8950, 0.2979, 0.2915



Tritanopia

54.8738, 0.2451, 0.3066

Trichromacy



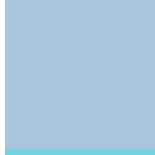
Original Color

54.6803, 0.2484, 0.3195



Protanomaly

53.4993, 0.2801, 0.3150



Deuteranomaly

53.5348, 0.2763, 0.3004



Tritanomaly

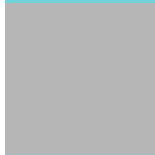
54.6416, 0.2461, 0.3104

Monochromacy



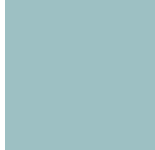
Original Color

54.6803, 0.2484, 0.3195



Achromatopsia

46.7784, 0.3127, 0.3290



Achromatomaly

48.8075, 0.2836, 0.3249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.6803, 0.2484, 0.3195 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(114, 210, 217)` looks like.

```
.text, #text, p{  
    color:rgb(114, 210, 217)  
}
```

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(114, 210, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 210, 217) }
```

Border

The CSS property to change the border of an element to Yxy 54.6803, 0.2484, 0.3195 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(114, 210, 217) }
```

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

```
.border{ border-color:rgb(114, 210, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 210, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 210, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 210, 217);  
box-shadow:4px 4px 4px 4px rgb(114, 210,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 54.6803, 0.2484, 0.3195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 210, 217) }
```

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

```
.background{ background-color: rgb(114,  
210, 217) }
```

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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