

Converting Colors

$Yxy(57.7429, 0.2404, 0.3248)$

Have a look what the booklet for
Yxy(57.7429, 0.2404, 0.3248)
contains.

Yxy(57.7429, 0.2404, 0.3248)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(57.7429, 0.2404, 0.3248)

Conversions

Conversions Part 1

Format	Color
Hex	5EDADD
RGB	94, 218, 221
RGB Percent	37%, 85%, 87%
CMY	0.6314, 0.1451, 0.1333
CMYK	0.57, 0.01, 0.00, 0.13
HSL	181°, 65%, 62%
HSV	181°, 57%, 87%
XYZ	42.7383, 57.7429, 77.2987
YIQ	181.2660, -74.8670, -25.3550

Conversions

Conversions Part 2

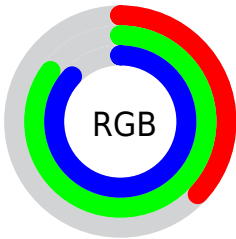
Format	Color
RYB	94, 157, 221
Decimal	6216413
CIELab	80.60, -33.30, -11.87
CIELCh	81, 35.357, 199.620
Yxy	57.7429, 0.2404, 0.3248
Android (android.graphics.Color)	4284406493 (0xFF5EDADD)
YUV	181.2660, 19.5889, -76.5323
Hunter-Lab	75.9887, -32.5867, -7.1199

Details

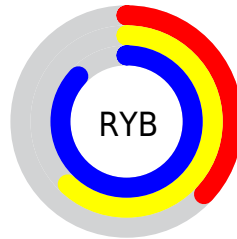
The Yxy color **57.7429, 0.2404, 0.3248** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **24.7298, 0.4860, 0.3328**, and the grayscale version is **46.2836, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.8079, 0.2588, 0.3288**, and **28.9476, 0.2231, 0.3233** is the 20% darker color. If you saturate the color by 10%, you get **56.4692, 0.2333, 0.3240**, and if you desaturate by 10%, it is **59.3562, 0.2495, 0.3256**.

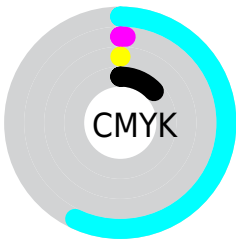
Distribution



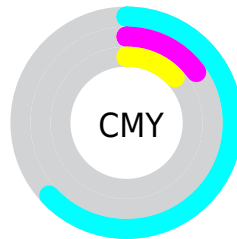
- Red (37%)
- Green (85%)
- Blue (87%)



- Red (37%)
- Yellow (62%)
- Blue (87%)



- Cyan (57%)
- Magenta (1%)
- Yellow (0%)
- Black (13%)





- Cyan (63%)
- Magenta (15%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.7429, 0.2404, 0.3248 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 57.7429, 0.2404, 0.3248 by changing the saturation by 10% instead.


 57.7429, 0.2404,
0.3248


 57.7429, 0.2404,
0.3248


416.2272, 0.2744,
0.3278

 41.6020, 0.2325,
0.3239


 101.5484, 0.2523,
0.3260


 28.7898, 0.2228,
0.3225


 129.9817, 0.2569,
0.3265

 18.9218, 0.2105,
0.3206


 163.2813, 0.2608,
0.3268

 11.6138, 0.1944,
0.3176

 201.8316, 0.2643,
0.3271

 6.4813, 0.1725,
0.3127

246.0169, 0.2673,
0.3273

 3.1399, 0.1417,
0.3037

296.2217, 0.2699,

 1.2052, 0.0732,

0.3275

0.2922

352.8304, 0.2723,
0.3276

■ 0.0659, 0.0000,
0.0681

■ 0.0000, 0.0000,
0.0000

■ 57.7429, 0.2404,
0.3248

■ 57.7429, 0.2404,
0.3248

■ 56.4692, 0.2333,
0.3240

■ 59.3562, 0.2495,
0.3256

■ 55.4991, 0.2281,
0.3232


■ 61.3285, 0.2603,
0.3264

■ 54.8004, 0.2247,
0.3224


■ 63.6854, 0.2727,
0.3271

■ 54.3263, 0.2230,
0.3217


■ 66.4482, 0.2864,
0.3279


 54.2225, 0.2226,
0.3215

 69.6369, 0.3012,
0.3285

 73.2699, 0.3167,
0.3292

 77.3647, 0.3326,
0.3297

 78.8162, 0.3371,
0.3303

 79.0939, 0.3371,
0.3308

Harmonies

Analogous

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



57.7429, 0.2710, 0.3703



57.7429, 0.2404, 0.3248



57.7429, 0.2286, 0.2850

Triad

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



57.7429, 0.2404, 0.3248



57.7429, 0.3059, 0.2667



57.7429, 0.3926, 0.3946

Complementary

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



57.7429, 0.2404, 0.3248



24.7298, 0.4860, 0.3328

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.



57.7429, 0.4048, 0.3626



57.7429, 0.2404, 0.3248



57.7429, 0.3527, 0.2917

Square

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



57.7429, 0.2404, 0.3248



57.7429, 0.2641, 0.2554



57.7429, 0.3901, 0.3258



57.7429, 0.3588, 0.4117

Rectangle

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



57.7429, 0.2404, 0.3248



57.7429, 0.2319, 0.2670



57.7429, 0.3901, 0.3258



57.7429, 0.3994, 0.3851

Sweetspot

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



57.7451, 0.2404, 0.3248



92.0342, 0.2869, 0.3279



54.9396, 0.3031, 0.5110



19.5227, 0.2840, 0.3277



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.



57.7451, 0.2404, 0.3248



77.7841, 0.2320, 0.3238



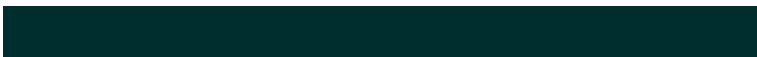
31.1715, 0.2206, 0.2335



14.7741, 0.2982, 0.3284



31.5236, 0.2227, 0.3216



2.0593, 0.2230, 0.3228

Inverse Universe

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



28.4404, 0.3221, 0.1971



33.8147, 0.3239, 0.1783



41.1900, 0.4359, 0.4049



13.2693, 0.3142, 0.3065



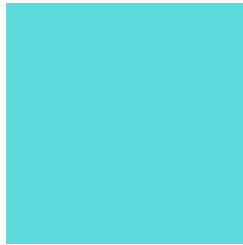
11.8061, 0.3269, 0.1574



0.7666, 0.3258, 0.1569

Previews

White Background



This preview shows how the Yxy color 57.7429, 0.2404, 0.3248 looks on a white background.

Color Contrast Check

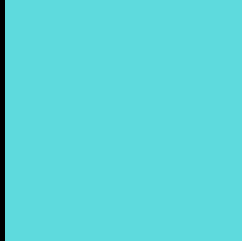
Large Text (above 18pt) WCAG AA × Fail

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 57.7429, 0.2404, 0.3248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

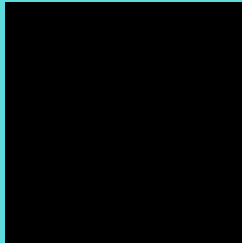
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.7429, 0.2404, 0.3248

Background



This preview shows how black text looks on a background with the Yxy color 57.7429, 0.2404, 0.3248.



This preview shows how white text looks on a background with the Yxy color 57.7429, 0.2404, 0.3248.

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

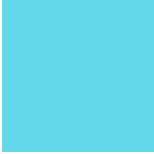
57.7429, 0.2404, 0.3248

Protanopia

56.6287, 0.3063, 0.3159

Deuteranopia

57.0537, 0.2982, 0.2924



Tritanopia

57.7049, 0.2359, 0.3055

Trichromacy



Original Color

57.7429, 0.2404, 0.3248



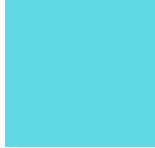
Protanomaly

56.0438, 0.2761, 0.3188



Deuteranomaly

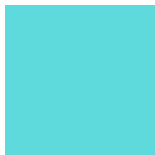
56.0930, 0.2719, 0.3030



Tritanomaly

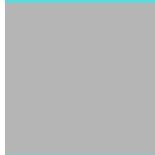
57.8242, 0.2376, 0.3131

Monochromacy



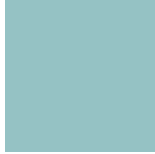
Original Color

57.7429, 0.2404, 0.3248



Achromatopsia

46.2077, 0.3127, 0.3290



Achromatomaly

48.9587, 0.2775, 0.3262

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.7429, 0.2404, 0.3248 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(94, 218, 221)` looks like.

```
.text, #text, p{  
    color:rgb(94, 218, 221)  
}
```

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(94, 218, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 218, 221) }
```

Border

The CSS property to change the border of an element to Yxy 57.7429, 0.2404, 0.3248 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(94, 218, 221) }
```

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

```
.border{ border-color:rgb(94, 218, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 218, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 218, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 218, 221);  
box-shadow:4px 4px 4px 4px rgb(94, 218,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 57.7429, 0.2404, 0.3248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 218, 221) }
```

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

```
.background{ background-color: rgb(94, 218,  
221) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor