

Converting Colors

$Y_{xy}(57.3766, 0.2390, 0.3271)$

Have a look what the booklet for
Yxy(57.3766, 0.2390, 0.3271)
contains.

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Color

Yxy(57.3320, 0.2392, 0.3274)

Conversions

Conversions Part 1

Format	Color
Hex	58DADB
RGB	88, 218, 219
RGB Percent	35%, 85%, 86%
CMY	0.6548, 0.1451, 0.1411
CMYK	0.60, 0.00, 0.00, 0.14
HSL	180°, 65%, 60%
HSV	180°, 60%, 86%
XYZ	41.8870, 57.3320, 75.8940
YIQ	179.2440, -77.8010, -27.2490

Conversions

Conversions Part 2

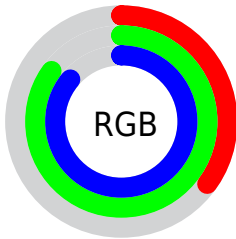
Format	Color
RYB	88, 153, 219
Decimal	5823195
CIELab	80.37, -34.87, -11.18
CIElCh	80, 36.623, 197.776
Yxy	57.3320, 0.2392, 0.3274
Android (android.graphics.Color)	4284013275 (0xFF58DADB)
YUV	179.2440, 19.5997, -80.0210
Hunter-Lab	75.7179, -33.7604, -6.4254

Details

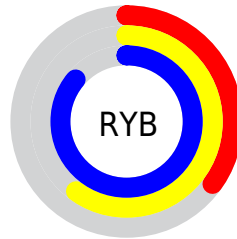
The Yxy color **57.3320, 0.2392, 0.3274** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **22.9256, 0.4985, 0.3307**, and the grayscale version is **45.1477, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.3193, 0.2566, 0.3288**, and **28.8747, 0.2242, 0.3269** is the 20% darker color. If you saturate the color by 10%, you get **56.3314, 0.2327, 0.3271**, and if you desaturate by 10%, it is **58.6581, 0.2476, 0.3277**.

Distribution



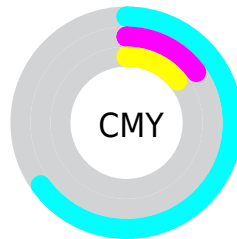
- Red (35%)
- Green (85%)
- Blue (86%)



- Red (35%)
- Yellow (60%)
- Blue (86%)



- Cyan (60%)
- Magenta (0%)
- Yellow (0%)
- Black (14%)





- Cyan (65%)
- Magenta (15%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.3320, 0.2392, 0.3274 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 57.3320, 0.2392, 0.3274 by changing the saturation by 10% instead.


 57.3320, 0.2392,
0.3274

 57.3320, 0.2392,
0.3274

414.6922, 0.2738,
0.3291

 41.2719, 0.2312,
0.3267

 100.9495, 0.2513,
0.3282

 28.5316, 0.2213,
0.3258


 129.2756, 0.2560,
0.3285

 18.7267, 0.2087,
0.3243


 162.4591, 0.2600,
0.3286

 11.4730, 0.1922,
0.3219

 200.8845, 0.2635,
0.3288

 6.3859, 0.1699,
0.3177

244.9361, 0.2666,
0.3289

 3.0811, 0.1384,
0.3098

294.9983, 0.2693,

 1.1742, 0.0616,

0.3290

351.4555, 0.2717,
0.3291

0.3021

0.0405, 0.0000,
0.0468

0.0000, 0.0000,
0.0000

57.3320, 0.2392,
0.3274

57.3320, 0.2392,
0.3274

56.3314, 0.2327,
0.3271

58.6581, 0.2476,
0.3277

55.6199, 0.2281,
0.3269

60.3293, 0.2579,
0.3280

55.1646, 0.2254,
0.3266


62.3710, 0.2698,
0.3282

54.9041, 0.2240,
0.3263

64.8047, 0.2832,
0.3285

 54.8996, 0.2240,
0.3263

 67.6500, 0.2977,
0.3288

 70.9255, 0.3130,
0.3290

 74.6484, 0.3289,
0.3292

 77.2346, 0.3389,
0.3294

 77.3247, 0.3389,
0.3296

Harmonies

Analogous

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



57.3320, 0.2718, 0.3747



57.3320, 0.2392, 0.3274



57.3320, 0.2258, 0.2853

Triad

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



57.3320, 0.2392, 0.3274



57.3320, 0.3026, 0.2634



57.3320, 0.3970, 0.3952

Complementary

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



57.3320, 0.2392, 0.3274



22.9256, 0.4985, 0.3307

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.



57.3320, 0.4082, 0.3613



57.3320, 0.2392, 0.3274



57.3320, 0.3514, 0.2885

Square

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



57.3320, 0.2392, 0.3274



57.3320, 0.2601, 0.2527



57.3320, 0.3913, 0.3232



57.3320, 0.3630, 0.4145

Rectangle

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



57.3320, 0.2392, 0.3274



57.3320, 0.2284, 0.2660



57.3320, 0.3913, 0.3232



57.3320, 0.4037, 0.3849

Sweetspot

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



57.3342, 0.2392, 0.3274



92.0800, 0.2855, 0.3286



53.4590, 0.3037, 0.5215



19.4745, 0.2814, 0.3285



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.



57.3342, 0.2392, 0.3274



79.1778, 0.2312, 0.3270



30.1498, 0.2180, 0.2323



14.8111, 0.2982, 0.3288



32.5520, 0.2240, 0.3264



2.1147, 0.2241, 0.3268

Inverse Universe

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



27.1119, 0.3203, 0.1914



32.9450, 0.3215, 0.1727



38.7268, 0.4439, 0.4048



13.2730, 0.3139, 0.3061



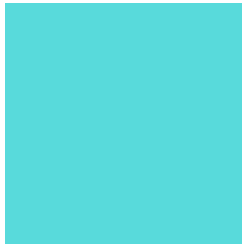
11.9099, 0.3229, 0.1552



0.7722, 0.3225, 0.1550

Previews

White Background



This preview shows how the Yxy color 57.3320, 0.2392, 0.3274 looks on a white background.

Color Contrast Check

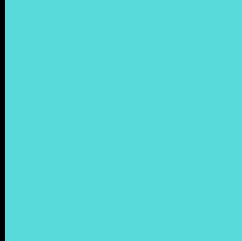
Large Text (above 18pt) WCAG AA × Fail

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 57.3320, 0.2392, 0.3274 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

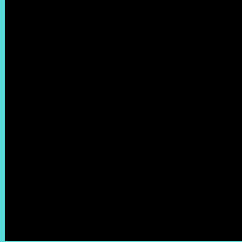
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.3320, 0.2392, 0.3274

Background



This preview shows how black text looks on a background with the Yxy color 57.3320, 0.2392, 0.3274.

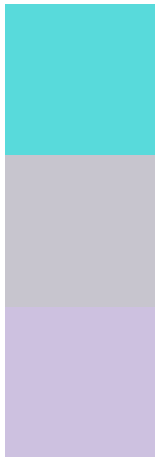


This preview shows how white text looks on a background with the Yxy color 57.3320, 0.2392, 0.3274.

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

57.3320, 0.2392, 0.3274

Protanopia

56.5308, 0.3077, 0.3183

Deuteranopia

56.5009, 0.2996, 0.2934



Tritanopia

57.3746, 0.2345, 0.3066

Trichromacy



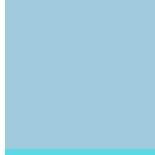
Original Color

57.3320, 0.2392, 0.3274



Protanomaly

55.7367, 0.2760, 0.3213



Deuteranomaly

55.1964, 0.2710, 0.3040



Tritanomaly

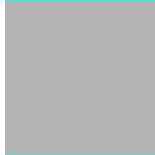
57.5025, 0.2363, 0.3143

Monochromacy



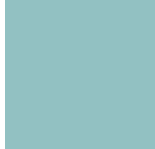
Original Color

57.3320, 0.2392, 0.3274



Achromatopsia

45.0786, 0.3127, 0.3290



Achromatomaly

48.1460, 0.2766, 0.3275

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.3320, 0.2392, 0.3274 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(88, 218, 219)` looks like.

```
.text, #text, p{  
    color:rgb(88, 218, 219)  
}
```

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(88, 218, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 218, 219) }
```

Border

The CSS property to change the border of an element to Yxy 57.3320, 0.2392, 0.3274 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(88, 218, 219) }
```

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

```
.border{ border-color:rgb(88, 218, 219) }
```

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

Here you see how a box with a 4 pixel rgb(88, 218, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 218, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 218, 219);  
box-shadow:4px 4px 4px 4px rgb(88, 218,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 57.3320, 0.2392, 0.3274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 218, 219) }
```

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

```
.background{ background-color: rgb(88, 218,  
219) }
```

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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