

Converting Colors

$Yxy(57.9034, 0.2399, 0.3222)$

Have a look what the booklet for
Yxy(57.9034, 0.2399, 0.3222)
contains.

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Color

Yxy(57.9034, 0.2399, 0.3222)

Conversions

Conversions Part 1

Format	Color
Hex	5FDADF
RGB	95, 218, 223
RGB Percent	37%, 85%, 87%
CMY	0.6271, 0.1451, 0.1256
CMYK	0.57, 0.02, 0.00, 0.13
HSL	182°, 67%, 62%
HSV	182°, 57%, 87%
XYZ	43.1131, 57.9034, 78.6961
YIQ	181.7930, -74.9130, -24.5210

Conversions

Conversions Part 2

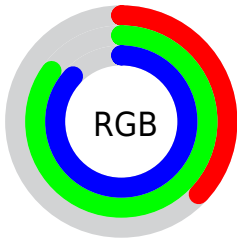
Format	Color
RYB	95, 158, 223
Decimal	6281951
CIELab	80.69, -32.57, -12.79
CIELCh	81, 34.993, 201.432
Yxy	57.9034, 0.2399, 0.3222
Android (android.graphics.Color)	4284472031 (0xFF5FDADF)
YUV	181.7930, 20.3151, -76.1175
Hunter-Lab	76.0943, -32.0315, -8.0513

Details

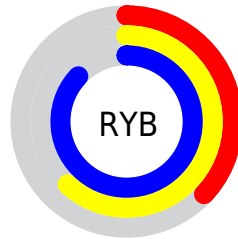
The Yxy color **57.9034, 0.2399, 0.3222** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **25.6375, 0.4842, 0.3350**, and the grayscale version is **46.5906, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.9081, 0.2592, 0.3288**, and **29.0344, 0.2223, 0.3197** is the 20% darker color. If you saturate the color by 10%, you get **56.4276, 0.2325, 0.3209**, and if you desaturate by 10%, it is **59.7277, 0.2492, 0.3235**.

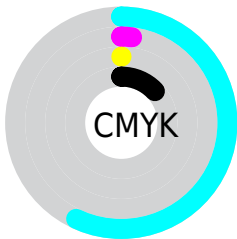
Distribution



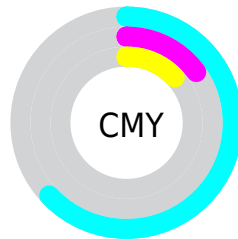
- Red (37%)
- Green (85%)
- Blue (87%)



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



- Cyan (57%)
- Magenta (2%)
- Yellow (0%)
- Black (13%)




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.9034, 0.2399, 0.3222 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 57.9034, 0.2399, 0.3222 by changing the saturation by 10% instead.

 57.9034, 0.2399,
0.3222

 57.9034, 0.2399,
0.3222


416.8259, 0.2741,
0.3264


 41.7310, 0.2320,
0.3209


 101.7822, 0.2518,
0.3239

 28.8907, 0.2223,
0.3192

 130.2573, 0.2564,
0.3245

 18.9982, 0.2099,
0.3168


 163.6022, 0.2604,
0.3250

 11.6689, 0.1938,
0.3132

 202.2012, 0.2639,
0.3254

 6.5187, 0.1720,
0.3073

246.4386, 0.2669,
0.3257

 3.1630, 0.1413,
0.2970

296.6990, 0.2696,

 1.2174, 0.0763,

0.3260

0.2823

353.3666, 0.2720,
0.3262

■ 0.0758, 0.0000,
0.0721

■ 0.0000, 0.0000,
0.0000

■ 57.9034, 0.2399,
0.3222

■ 57.9034, 0.2399,
0.3222

■ 56.4276, 0.2325,
0.3209

■ 59.7277, 0.2492,
0.3235

■ 55.2637, 0.2271,
0.3196


■ 61.9203, 0.2602,
0.3248


■ 54.3787, 0.2236,
0.3183


■ 64.5074, 0.2727,
0.3260


■ 53.7255, 0.2217,
0.3170


■ 67.5108, 0.2866,
0.3272


 53.5710, 0.2213,
0.3167

 70.9509, 0.3014,
0.3283

 74.8464, 0.3169,
0.3293

 79.2154, 0.3327,
0.3302

 80.4028, 0.3354,
0.3310

 80.8728, 0.3353,
0.3319

Harmonies

Analogous

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



57.9034, 0.2692, 0.3673



57.9034, 0.2399, 0.3222



57.9034, 0.2294, 0.2836

Triad

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



57.9034, 0.2399, 0.3222



57.9034, 0.3088, 0.2685



57.9034, 0.3902, 0.3955

Complementary

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



57.9034, 0.2399, 0.3222



25.6375, 0.4842, 0.3350

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.



57.9034, 0.4037, 0.3645



57.9034, 0.2399, 0.3222



57.9034, 0.3550, 0.2940

Square

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



57.9034, 0.2399, 0.3222



57.9034, 0.2668, 0.2564



57.9034, 0.3908, 0.3281



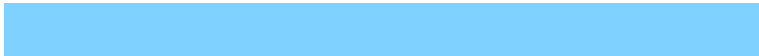
57.9034, 0.3558, 0.4111

Rectangle

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



57.9034, 0.2399, 0.3222



57.9034, 0.2335, 0.2665



57.9034, 0.3908, 0.3281



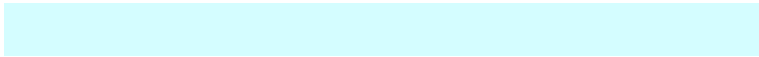
57.9034, 0.3975, 0.3863

Sweetspot

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



57.9056, 0.2399, 0.3222



91.6138, 0.2869, 0.3272



56.1060, 0.3022, 0.5080



19.4221, 0.2840, 0.3270



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.



57.9056, 0.2399, 0.3222



76.1148, 0.2312, 0.3206



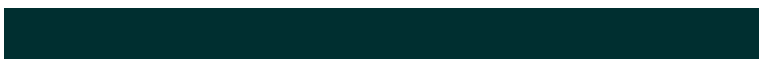
31.1288, 0.2200, 0.2304



15.4761, 0.2982, 0.3280



31.5478, 0.2214, 0.3169



2.2156, 0.2219, 0.3188

Inverse Universe

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



28.9454, 0.3241, 0.1989



33.6461, 0.3265, 0.1801



42.8098, 0.4340, 0.4071



13.9259, 0.3144, 0.3068



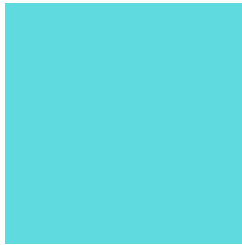
12.0928, 0.3308, 0.1596



0.8411, 0.3292, 0.1587

Previews

White Background



This preview shows how the Yxy color 57.9034, 0.2399, 0.3222 looks on a white background.

Color Contrast Check

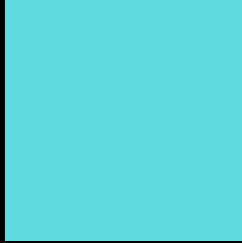
Large Text (above 18pt) WCAG AA × Fail

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 57.9034, 0.2399, 0.3222 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 57.9034, 0.2399, 0.3222

Background



This preview shows how black text looks on a background with the Yxy color 57.9034, 0.2399, 0.3222.



This preview shows how white text looks on a background with the Yxy color 57.9034, 0.2399, 0.3222.

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

57.9034, 0.2399, 0.3222

Protanopia

57.1834, 0.3049, 0.3148

Deuteranopia

57.0224, 0.2961, 0.2901



Tritanopia

57.7616, 0.2362, 0.3055

Trichromacy



Original Color

57.9034, 0.2399, 0.3222



Protanomaly

56.1460, 0.2749, 0.3163



Deuteranomaly

56.0954, 0.2700, 0.3006



Tritanomaly

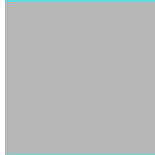
57.9355, 0.2375, 0.3118

Monochromacy



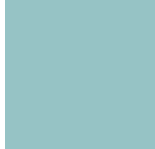
Original Color

57.9034, 0.2399, 0.3222



Achromatopsia

46.7784, 0.3127, 0.3290



Achromatomaly

49.5455, 0.2777, 0.3262

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.9034, 0.2399, 0.3222 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(95, 218, 223)` looks like.

```
.text, #text, p{  
    color:rgb(95, 218, 223)  
}
```

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(95, 218, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 218, 223) }
```

Border

The CSS property to change the border of an element to Yxy 57.9034, 0.2399, 0.3222 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(95, 218, 223) }
```

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

```
.border{ border-color:rgb(95, 218, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 218, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 218, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 218, 223);  
box-shadow:4px 4px 4px 4px rgb(95, 218,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 57.9034, 0.2399, 0.3222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 218, 223) }
```

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

```
.background{ background-color: rgb(95, 218,  
223) }
```

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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