

Converting Colors

$Yxy(53.5658, 0.2349, 0.3042)$

Have a look what the booklet for
Yxy(53.5658, 0.2349, 0.3042)
contains.

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Color

Yxy(53.5267, 0.2350, 0.3048)

Conversions

Conversions Part 1

Format	Color
Hex	5ED1E3
RGB	94, 209, 227
RGB Percent	37%, 82%, 89%
CMY	0.6319, 0.1803, 0.1099
CMYK	0.59, 0.08, 0.00, 0.11
HSL	188°, 70%, 63%
HSV	188°, 59%, 89%
XYZ	41.2689, 53.5267, 80.8169
YIQ	176.6670, -74.3180, -18.7820

Conversions

Conversions Part 2

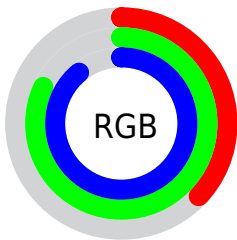
Format	Color
RYB	94, 156, 227
Decimal	6214115
CIELab	78.18, -27.35, -18.70
CIELCh	78, 33.132, 214.350
Yxy	53.5267, 0.2350, 0.3048
Android (android.graphics.Color)	4284404195 (0xFF5ED1E3)
YUV	176.6670, 24.8142, -72.4990
Hunter-Lab	73.1619, -27.3457, -14.2802

Details

The Yxy color **53.5267, 0.2350, 0.3048** 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 **28.6843, 0.4803, 0.3491**, and the grayscale version is **43.6624, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.7086, 0.2583, 0.3288**, and **26.0962, 0.2156, 0.2960** is the 20% darker color. If you saturate the color by 10%, you get **51.0133, 0.2266, 0.3000**, and if you desaturate by 10%, it is **56.4256, 0.2452, 0.3095**.

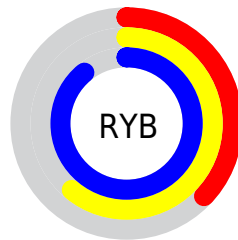
Distribution



Red (37%)

Green (82%)

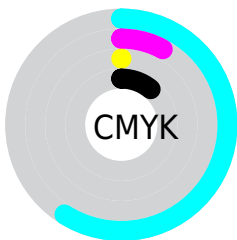
Blue (89%)



Red (37%)

Yellow (61%)

Blue (89%)

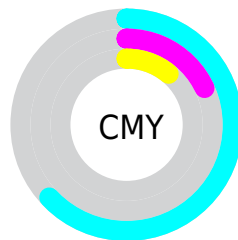


Cyan (59%)

Magenta (8%)

Yellow (0%)

Black (11%)



Cyan (63%)

Magenta (18%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.5267, 0.2350, 0.3048 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 53.5267, 0.2350, 0.3048 by changing the saturation by 10% instead.


 53.5267, 0.2350,
0.3048

 53.5267, 0.2350,
0.3048


400.3026, 0.2718,
0.3176


 38.2234, 0.2265,
0.3014


 95.3790, 0.2479,
0.3096

 26.1561, 0.2159,
0.2971


 122.6967, 0.2528,
0.3114

 16.9405, 0.2025,
0.2912


 154.7880, 0.2571,
0.3128

 10.1921, 0.1850,
0.2828

 192.0374, 0.2608,
0.3141

 5.5265, 0.1613,
0.2703

234.8291, 0.2641,
0.3152

 2.5594, 0.1283,
0.2499

283.5476, 0.2669,

 0.9063, 0.0472,

0.3161

0.2212

338.5773, 0.2695,
0.3169

■ 0.0000, 0.0000,
0.0000

■ 53.5267, 0.2350,
0.3048

■ 53.5267, 0.2350,
0.3048

■ 51.0133, 0.2266,
0.3000

■ 56.4256, 0.2452,
0.3095

■ 48.8471, 0.2202,
0.2952

■ 59.7321, 0.2570,
0.3140

■ 46.9924, 0.2157,
0.2905

■ 63.4738, 0.2702,
0.3183

■ 45.3926, 0.2129,
0.2858

■ 67.6738, 0.2844,
0.3223

■ 45.1851, 0.2125,
0.2851

■ 72.3536, 0.2994,
0.3260

■ 77.5335, 0.3148,
0.3294

■ 83.2321, 0.3304,
0.3325

■ 85.3801, 0.3316,
0.3355

■ 87.1346, 0.3313,
0.3385

Harmonies

Analogous

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



53.5267, 0.2561, 0.3476



53.5267, 0.2350, 0.3048



53.5267, 0.2331, 0.2732

Triad

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



53.5267, 0.2350, 0.3048



53.5267, 0.3285, 0.2794



53.5267, 0.3757, 0.4027

Complementary

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



53.5267, 0.2350, 0.3048



28.6843, 0.4803, 0.3491

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.



53.5267, 0.3986, 0.3778



53.5267, 0.2350, 0.3048



53.5267, 0.3708, 0.3086

Square

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



53.5267, 0.2350, 0.3048



53.5267, 0.2844, 0.2614



53.5267, 0.3972, 0.3436



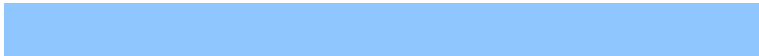
53.5267, 0.3366, 0.4080

Rectangle

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



53.5267, 0.2350, 0.3048



53.5267, 0.2426, 0.2615



53.5267, 0.3972, 0.3436



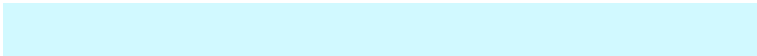
53.5267, 0.3856, 0.3961

Sweetspot

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



53.5287, 0.2350, 0.3048



88.4215, 0.2852, 0.3225



58.4631, 0.2961, 0.4951



18.5674, 0.2809, 0.3214



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.



53.5287, 0.2350, 0.3048



65.8803, 0.2253, 0.2992



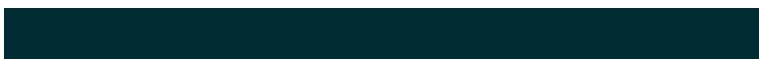
27.4651, 0.2136, 0.2078



15.9872, 0.2981, 0.3257



26.4823, 0.2127, 0.2858



2.0492, 0.2147, 0.2927

Inverse Universe

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



28.9141, 0.3381, 0.2072



32.2627, 0.3443, 0.1906



49.0438, 0.4276, 0.4224



14.5800, 0.3158, 0.3089



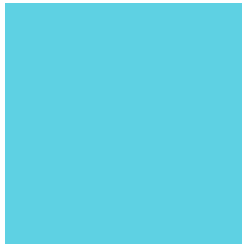
11.8711, 0.3581, 0.1746



0.8865, 0.3519, 0.1712

Previews

White Background



This preview shows how the Yxy color 53.5267, 0.2350, 0.3048 looks on a white background.

Color Contrast Check

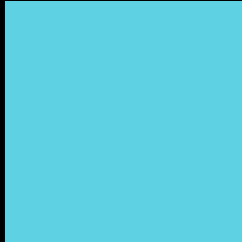
Large Text (above 18pt) WCAG AA × Fail

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 53.5267, 0.2350, 0.3048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

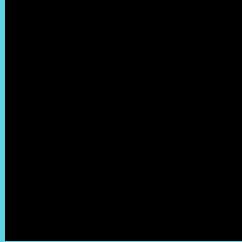
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.5267, 0.2350, 0.3048

Background



This preview shows how black text looks on a background with the Yxy color 53.5267, 0.2350, 0.3048.

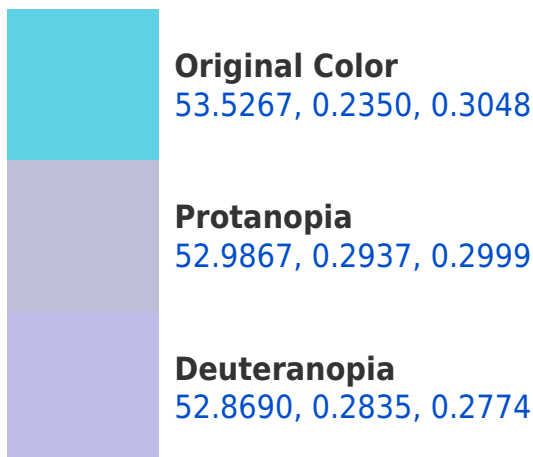


This preview shows how white text looks on a background with the Yxy color 53.5267, 0.2350, 0.3048.

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





Tritanopia

53.4191, 0.2351, 0.3060

Trichromacy



Original Color

53.5267, 0.2350, 0.3048



Protanomaly

52.3727, 0.2671, 0.3021



Deuteranomaly

52.2609, 0.2617, 0.2865



Tritanomaly

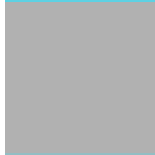
53.4191, 0.2351, 0.3060

Monochromacy



Original Color

53.5267, 0.2350, 0.3048



Achromatopsia

43.9657, 0.3127, 0.3290



Achromatomaly

46.5384, 0.2762, 0.3207

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5267, 0.2350, 0.3048 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, 209, 227)` looks like.

```
.text, #text, p{  
    color:rgb(94, 209, 227)  
}
```

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, 209, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 209, 227) }
```

Border

The CSS property to change the border of an element to Yxy 53.5267, 0.2350, 0.3048 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, 209, 227) }
```

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

```
.border{ border-color:rgb(94, 209, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 209, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 209, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 209, 227);  
box-shadow:4px 4px 4px 4px rgb(94, 209,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5267, 0.2350, 0.3048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 209, 227) }
```

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

```
.background{ background-color: rgb(94, 209,  
227) }
```

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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