

Converting Colors

$Yxy(53.7716, 0.2915, 0.3056)$

Have a look what the booklet for
Yxy(53.7716, 0.2915, 0.3056)
contains.

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Color

Yxy(53.5780, 0.2914, 0.3057)

Conversions

Conversions Part 1

Format	Color
Hex	B8C2D5
RGB	184, 194, 213
RGB Percent	72%, 76%, 84%
CMY	0.2784, 0.2392, 0.1646
CMYK	0.14, 0.09, 0.00, 0.16
HSL	219°, 26%, 78%
HSV	219°, 14%, 84%
XYZ	51.0717, 53.5780, 70.6136
YIQ	193.1760, -12.0590, 3.7890

Conversions

Conversions Part 2

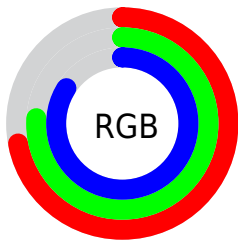
Format	Color
RYB	184, 191, 213
Decimal	12108501
CIELab	78.22, 0.39, -10.68
CIELCh	78, 10.684, 272.100
Yxy	53.5780, 0.2914, 0.3057
Android (android.graphics.Color)	4290298581 (0xFFB8C2D5)
YUV	193.1760, 9.7732, -8.0474
Hunter-Lab	73.1970, -3.5499, -5.9595

Details

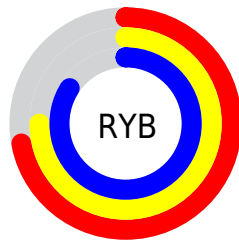
The Yxy color **53.5780, 0.2914, 0.3057** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.3337, 0.3345, 0.3513**, and the grayscale version is **53.3861, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1165, 0.3036, 0.3241**, and **26.0501, 0.2862, 0.2993** is the 20% darker color. If you saturate the color by 10%, you get **45.2181, 0.2746, 0.2862**, and if you desaturate by 10%, it is **62.9225, 0.3072, 0.3232**.

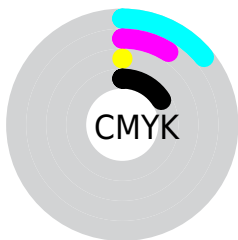
Distribution



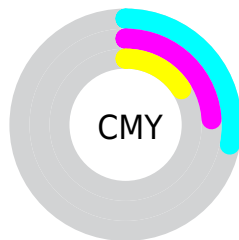
- Red (72%)
- Green (76%)
- Blue (84%)



- Red (72%)
- Yellow (75%)
- Blue (84%)



- Cyan (14%)
- Magenta (9%)
- Yellow (0%)
- Black (16%)



- Cyan (28%)
- Magenta (24%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.5780, 0.2914, 0.3057 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 53.5780, 0.2914, 0.3057 by changing the saturation by 10% instead.

■ 53.5780, 0.2914,
0.3057

■ 53.5780, 0.2914,
0.3057

400.4987, 0.3018,
0.3170

■ 38.2644, 0.2889,
0.3030

■ 95.4543, 0.2951,
0.3097

■ 26.1879, 0.2857,
0.2995

122.7859, 0.2965,
0.3113

■ 16.9643, 0.2816,
0.2950

154.8922, 0.2977,
0.3126

■ 10.2090, 0.2760,
0.2889

192.1576, 0.2988,
0.3137

■ 5.5378, 0.2679,
0.2801

234.9666, 0.2997,
0.3147

■ 2.5661, 0.2554,
0.2666

283.7035, 0.3004,

■ 0.9097, 0.2335,

0.3156

0.2429

338.7528, 0.3011,
0.3163

0.0000, 0.0000,
0.0000

53.5780, 0.2914,
0.3057

53.5780, 0.2914,
0.3057

45.2181, 0.2746,
0.2862

62.9225, 0.3072,
0.3232

37.8026, 0.2570,
0.2646

73.2769, 0.3220,
0.3386

31.2978, 0.2392,
0.2413

84.6738, 0.3355,
0.3522

25.6657, 0.2216,
0.2167

94.3462, 0.3383,
0.3652

20.8651, 0.2049,
0.1914

97.5852, 0.3375,
0.3701

■ 16.8510, 0.1901,
0.1663

■ 13.5733, 0.1777,
0.1426

■ 10.9742, 0.1683,
0.1213

■ 9.6212, 0.1637,
0.1092

Harmonies

Analogous

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



53.5780, 0.2857, 0.3119



53.5780, 0.2914, 0.3057



53.5780, 0.3028, 0.3056

Triad

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



53.5780, 0.2914, 0.3057



53.5780, 0.3392, 0.3340



53.5780, 0.3078, 0.3476

Complementary

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



53.5780, 0.2914, 0.3057



60.3337, 0.3345, 0.3513

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.



53.5780, 0.3222, 0.3536



53.5780, 0.2914, 0.3057



53.5780, 0.3405, 0.3453

Square

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



53.5780, 0.2914, 0.3057



53.5780, 0.3305, 0.3217



53.5780, 0.3342, 0.3527



53.5780, 0.2950, 0.3362

Rectangle

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



53.5780, 0.2914, 0.3057



53.5780, 0.3123, 0.3089



53.5780, 0.3342, 0.3527



53.5780, 0.3127, 0.3503

Sweetspot

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



53.5802, 0.2914, 0.3057



93.9245, 0.3066, 0.3225



62.0953, 0.2986, 0.3412



19.8651, 0.3054, 0.3212



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.



53.5802, 0.2914, 0.3057



77.1739, 0.2872, 0.3009



49.8251, 0.2944, 0.2935



12.7013, 0.2982, 0.3133



6.0480, 0.1644, 0.1118



0.5168, 0.1742, 0.1470

Inverse Universe

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



52.3275, 0.3294, 0.3173



75.0701, 0.3330, 0.3150



64.5669, 0.3296, 0.3629



12.4907, 0.3238, 0.3210



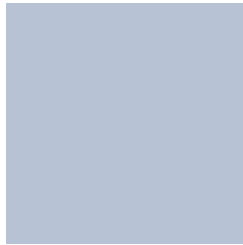
8.9554, 0.5584, 0.2850



0.5555, 0.5098, 0.2582

Previews

White Background



This preview shows how the Yxy color 53.5780, 0.2914, 0.3057 looks on a white background.

Color Contrast Check

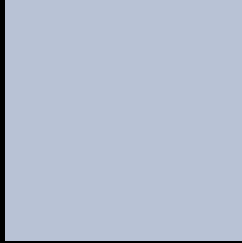
Large Text (above 18pt) WCAG AA × Fail

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 53.5780, 0.2914, 0.3057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

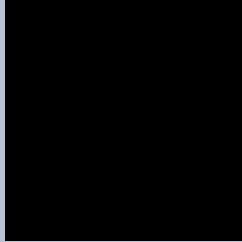
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

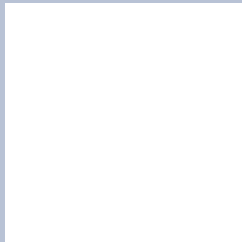
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.5780, 0.2914, 0.3057

Background



This preview shows how black text looks on a background with the Yxy color 53.5780, 0.2914, 0.3057.



This preview shows how white text looks on a background with the Yxy color 53.5780, 0.2914, 0.3057.

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

53.5780, 0.2914, 0.3057

Protanopia

53.5291, 0.2973, 0.3048

Deuteranopia

53.3780, 0.3045, 0.2984



Tritanopia

53.7506, 0.2928, 0.3105

Trichromacy



Original Color

53.5780, 0.2914, 0.3057

Protanomaly

53.5848, 0.2951, 0.3059

Deuteranomaly

53.2841, 0.2990, 0.3003

Tritanomaly

53.8006, 0.2921, 0.3093

Monochromacy



Original Color

53.5780, 0.2914, 0.3057

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.2572, 0.3052, 0.3204

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5780, 0.2914, 0.3057 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(184, 194, 213)` looks like.

```
.text, #text, p{  
    color:rgb(184, 194, 213)  
}
```

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(184, 194, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 194, 213) }
```

Border

The CSS property to change the border of an element to Yxy 53.5780, 0.2914, 0.3057 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(184, 194, 213) }
```

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

```
.border{ border-color:rgb(184, 194, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 194, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 194, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 194, 213);  
box-shadow:4px 4px 4px 4px rgb(184, 194,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5780, 0.2914, 0.3057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 194, 213) }
```

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

```
.background{ background-color: rgb(184,  
194, 213) }
```

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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