

Converting Colors

Yxy(53.3695, 0.3051, 0.3141)

Have a look what the booklet for
Yxy(53.3695, 0.3051, 0.3141)
contains.

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Color

Yxy(53.5282, 0.3054, 0.3144)

Conversions

Conversions Part 1

Format	Color
Hex	C2C0CC
RGB	194, 192, 204
RGB Percent	76%, 75%, 80%
CMY	0.2393, 0.2470, 0.1999
CMYK	0.05, 0.06, 0.00, 0.20
HSL	250°, 11%, 78%
HSV	250°, 6%, 80%
XYZ	51.9959, 53.5282, 64.7310
YIQ	193.9660, -2.6600, 4.1560

Conversions

Conversions Part 2

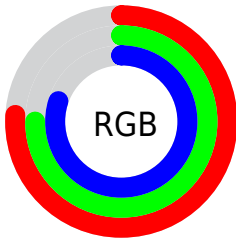
Format	Color
RYB	194, 192, 204
Decimal	12763340
CIELab	78.19, 2.95, -5.78
CIELCh	78, 6.492, 297.075
Yxy	53.5282, 0.3054, 0.3144
Android (android.graphics.Color)	4290953420 (0xFFC2C0CC)
YUV	193.9660, 4.9468, 0.0298
Hunter-Lab	73.1630, -1.1777, -1.2428

Details

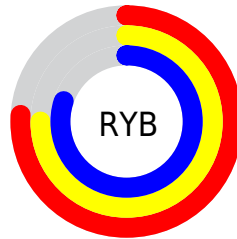
The Yxy color **53.5282, 0.3054, 0.3144** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.5645, 0.3198, 0.3433**, and the grayscale version is **53.8996, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.6788, 0.3099, 0.3223**, and **26.2427, 0.3029, 0.3110** is the 20% darker color. If you saturate the color by 10%, you get **43.0562, 0.2915, 0.2872**, and if you desaturate by 10%, it is **65.5053, 0.3175, 0.3386**.

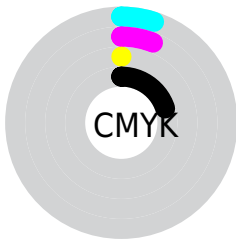
Distribution



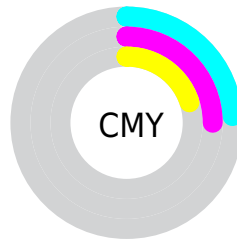
- Red (76%)
- Green (75%)
- Blue (80%)



- Red (76%)
- Yellow (75%)
- Blue (80%)



- Cyan (5%)
- Magenta (6%)
- Yellow (0%)
- Black (20%)



- Cyan (24%)
- Magenta (25%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.5282, 0.3054, 0.3144 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 53.5282, 0.3054, 0.3144 by changing the saturation by 10% instead.

■ 53.5282, 0.3054,
0.3144

■ 53.5282, 0.3054,
0.3144

400.3083, 0.3090,
0.3215

■ 38.2246, 0.3045,
0.3127

■ 95.3812, 0.3067,
0.3169

■ 26.1571, 0.3034,
0.3105

122.6993, 0.3072,
0.3179

■ 16.9412, 0.3019,
0.3077

154.7911, 0.3076,
0.3187

■ 10.1926, 0.2999,
0.3039

192.0409, 0.3080,
0.3194

■ 5.5268, 0.2970,
0.2984

234.8331, 0.3083,
0.3200

■ 2.5596, 0.2924,
0.2898

283.5522, 0.3085,

■ 0.9064, 0.2839,

0.3206

0.2747

338.5825, 0.3088,
0.3211

0.0000, 0.0000,
0.0000

53.5282, 0.3054,
0.3144

53.5282, 0.3054,
0.3144

43.0562, 0.2915,
0.2872

65.5053, 0.3175,
0.3386

34.0230, 0.2758,
0.2572

79.0367, 0.3278,
0.3598

26.3673, 0.2583,
0.2248

94.1779, 0.3367,
0.3784

20.0209, 0.2395,
0.1910

97.1407, 0.3430,
0.3790

14.9098, 0.2201,
0.1575

■ 10.9524, 0.2012,
0.1263

■ 8.0572, 0.1841,
0.0997

■ 6.1186, 0.1700,
0.0797

■ 5.0064, 0.1599,
0.0673

Harmonies

Analogous

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



53.5282, 0.2988, 0.3152



53.5282, 0.3054, 0.3144



53.5282, 0.3140, 0.3174

Triad

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



53.5282, 0.3054, 0.3144



53.5282, 0.3297, 0.3380



53.5282, 0.3031, 0.3347

Complementary

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



53.5282, 0.3054, 0.3144



59.5645, 0.3198, 0.3433

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.



53.5282, 0.3113, 0.3411



53.5282, 0.3054, 0.3144



53.5282, 0.3267, 0.3429

Square

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



53.5282, 0.3054, 0.3144



53.5282, 0.3281, 0.3309



53.5282, 0.3199, 0.3441



53.5282, 0.2976, 0.3268

Rectangle

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



53.5282, 0.3054, 0.3144



53.5282, 0.3197, 0.3211



53.5282, 0.3199, 0.3441



53.5282, 0.3056, 0.3371

Sweetspot

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



53.5305, 0.3054, 0.3144



95.9901, 0.3103, 0.3241



57.9121, 0.3037, 0.3268



20.5878, 0.3104, 0.3243



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.



53.5305, 0.3054, 0.3144



86.4165, 0.3038, 0.3113



54.3170, 0.3100, 0.3146



11.3791, 0.3033, 0.3102



2.9813, 0.1576, 0.0642



0.1822, 0.1743, 0.0734

Inverse Universe

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



54.8089, 0.3149, 0.3171



88.9473, 0.3153, 0.3146



58.7663, 0.3153, 0.3435



11.7346, 0.3155, 0.3137



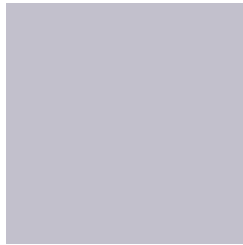
9.9278, 0.3671, 0.1796



0.5208, 0.3566, 0.1738

Previews

White Background



This preview shows how the Yxy color 53.5282, 0.3054, 0.3144 looks on a white background.

Color Contrast Check

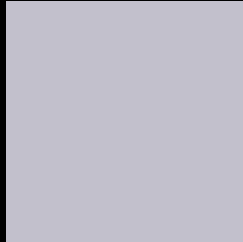
Large Text (above 18pt) WCAG AA × Fail

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 53.5282, 0.3054, 0.3144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

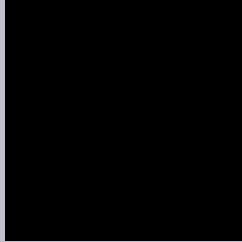
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

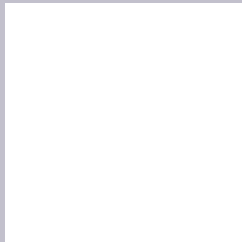
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.5282, 0.3054, 0.3144

Background



This preview shows how black text looks on a background with the Yxy color 53.5282, 0.3054, 0.3144.

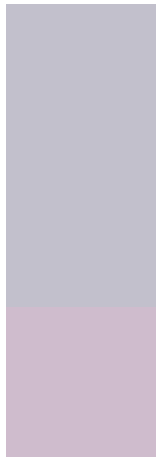


This preview shows how white text looks on a background with the Yxy color 53.5282, 0.3054, 0.3144.

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

53.5282, 0.3054, 0.3144

Protanopia

53.5282, 0.3054, 0.3144

Deuteranopia

53.6396, 0.3153, 0.3090



Tritanopia

53.6736, 0.3032, 0.3109

Trichromacy



Original Color

53.5282, 0.3054, 0.3144

Protanomaly

53.5282, 0.3054, 0.3144

Deuteranomaly

53.3595, 0.3112, 0.3099

Tritanomaly

53.6248, 0.3040, 0.3120

Monochromacy



Original Color

53.5282, 0.3054, 0.3144

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.6865, 0.3098, 0.3229

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5282, 0.3054, 0.3144 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(194, 192, 204)` looks like.

```
.text, #text, p{  
    color:rgb(194, 192, 204)  
}
```

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(194, 192, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 192, 204) }
```

Border

The CSS property to change the border of an element to Yxy 53.5282, 0.3054, 0.3144 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(194, 192, 204) }
```

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

```
.border{ border-color:rgb(194, 192, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 192, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 192, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 192, 204);  
box-shadow:4px 4px 4px 4px rgb(194, 192,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5282, 0.3054, 0.3144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 192, 204) }
```

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

```
.background{ background-color: rgb(194,  
192, 204) }
```

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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