

Converting Colors

Yxy(53.7460, 0.3107, 0.3256)

Have a look what the booklet for
Yxy(53.7460, 0.3107, 0.3256)
contains.

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Color

Yxy(53.5948, 0.3113, 0.3253)

Conversions

Conversions Part 1

Format	Color
Hex	C2C1C4
RGB	194, 193, 196
RGB Percent	76%, 76%, 77%
CMY	0.2391, 0.2432, 0.2313
CMYK	0.01, 0.02, 0.00, 0.23
HSL	261°, 2%, 76%
HSV	261°, 2%, 77%
XYZ	51.2882, 53.5948, 59.8720
YIQ	193.6410, -0.3670, 1.1450

Conversions

Conversions Part 2

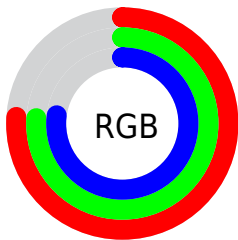
Format	Color
RYB	194, 193, 196
Decimal	12763588
CIELab	78.22, 0.92, -1.40
CIElCh	78, 1.673, 303.480
Yxy	53.5948, 0.3113, 0.3253
Android (android.graphics.Color)	4290953668 (0xFFC2C1C4)
YUV	193.6410, 1.1630, 0.3148
Hunter-Lab	73.2085, -3.0617, 2.7569

Details

The Yxy color **53.5948, 0.3113, 0.3253** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.9338, 0.3141, 0.3327**, and the grayscale version is **53.7225, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.1672, 0.3110, 0.3251**, and **26.2846, 0.3107, 0.3257** is the 20% darker color. If you saturate the color by 10%, you get **43.8669, 0.3012, 0.2998**, and if you desaturate by 10%, it is **64.6235, 0.3199, 0.3483**.

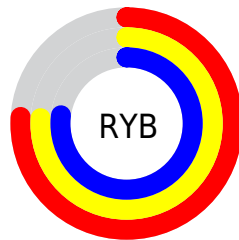
Distribution



Red (76%)

Green (76%)

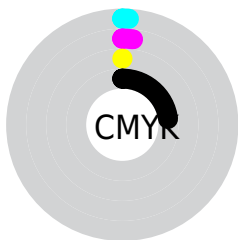
Blue (77%)



Red (76%)

Yellow (76%)

Blue (77%)

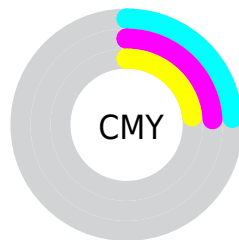


Cyan (1%)

Magenta (2%)

Yellow (0%)

Black (23%)



Cyan (24%)

Magenta (24%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.5948, 0.3113, 0.3253 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 53.5948, 0.3113, 0.3253 by changing the saturation by 10% instead.

■ 53.5948, 0.3113,
0.3253

■ 53.5948, 0.3113,
0.3253

400.5630, 0.3120,
0.3271

■ 38.2778, 0.3111,
0.3249

■ 95.4790, 0.3116,
0.3259

■ 26.1984, 0.3109,
0.3243

122.8151, 0.3116,
0.3262

■ 16.9721, 0.3106,
0.3236

154.9262, 0.3117,
0.3264

■ 10.2146, 0.3102,
0.3226

192.1969, 0.3118,
0.3266

■ 5.5415, 0.3097,
0.3211

235.0116, 0.3119,
0.3267

■ 2.5683, 0.3088,
0.3188

283.7545, 0.3119,

■ 0.9108, 0.3071,

0.3269

0.3147

338.8102, 0.3120,
0.3270

0.0000, 0.0000,
0.0000

53.5948, 0.3113,
0.3253

53.5948, 0.3113,
0.3253

43.8669, 0.3012,
0.2998

64.6235, 0.3199,
0.3483

35.3843, 0.2896,
0.2719

76.9921, 0.3272,
0.3687

28.0977, 0.2764,
0.2419

90.7464, 0.3334,
0.3869

21.9518, 0.2618,
0.2105

95.0147, 0.3414,
0.3882

16.8867, 0.2460,
0.1790

96.7660, 0.3478,
0.3870

■ 12.8373, 0.2295,
0.1487

■ 9.7307, 0.2133,
0.1216

■ 7.4843, 0.1981,
0.0994

■ 6.0000, 0.1849,
0.0833

Harmonies

Analogous

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



53.5948, 0.3094, 0.3253



53.5948, 0.3113, 0.3253



53.5948, 0.3136, 0.3263

Triad

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



53.5948, 0.3113, 0.3253



53.5948, 0.3170, 0.3317



53.5948, 0.3099, 0.3301

Complementary

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



53.5948, 0.3113, 0.3253



54.9338, 0.3141, 0.3327

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.



53.5948, 0.3119, 0.3318



53.5948, 0.3113, 0.3253



53.5948, 0.3160, 0.3327

Square

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



53.5948, 0.3113, 0.3253



53.5948, 0.3169, 0.3300



53.5948, 0.3141, 0.3328



53.5948, 0.3086, 0.3281

Rectangle

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



53.5948, 0.3113, 0.3253



53.5948, 0.3150, 0.3273



53.5948, 0.3141, 0.3328



53.5948, 0.3105, 0.3307

Sweetspot

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



53.5971, 0.3113, 0.3253

100.0000, 0.3127, 0.3290



54.3556, 0.3104, 0.3278



21.4041, 0.3127, 0.3290



0.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



53.5971, 0.3113, 0.3253



96.1592, 0.3108, 0.3241



53.7937, 0.3125, 0.3253



11.5054, 0.3110, 0.3245



3.3764, 0.1768, 0.0748



0.1844, 0.2030, 0.0892

Inverse Universe

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



53.8141, 0.3137, 0.3266



96.6769, 0.3140, 0.3258



54.7379, 0.3129, 0.3327



11.5623, 0.3139, 0.3261



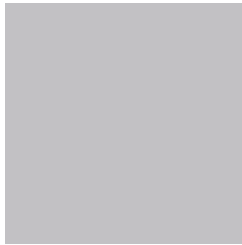
8.5716, 0.4298, 0.2141



0.3829, 0.3996, 0.1975

Previews

White Background



This preview shows how the Yxy color 53.5948, 0.3113, 0.3253 looks on a white background.

Color Contrast Check

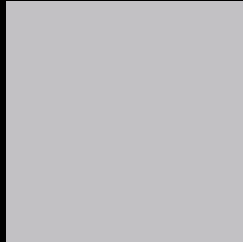
Large Text (above 18pt) WCAG AA × Fail

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 53.5948, 0.3113, 0.3253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

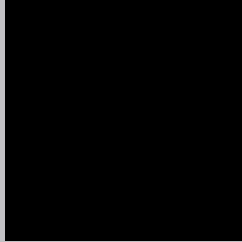
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

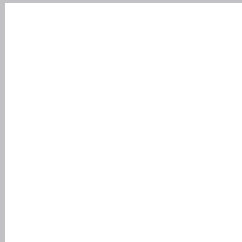
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.5948, 0.3113, 0.3253

Background



This preview shows how black text looks on a background with the Yxy color 53.5948, 0.3113, 0.3253.

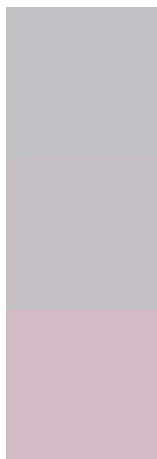


This preview shows how white text looks on a background with the Yxy color 53.5948, 0.3113, 0.3253.

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

53.5948, 0.3113, 0.3253

Protanopia

53.4206, 0.3129, 0.3241

Deuteranopia

53.2735, 0.3241, 0.3172



Tritanopia

53.4536, 0.3056, 0.3109

Trichromacy



Original Color

53.5948, 0.3113, 0.3253

Protanomaly

53.2869, 0.3121, 0.3241

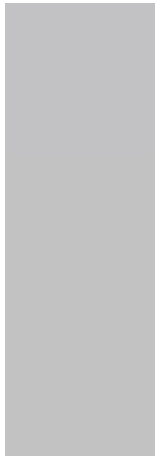
Deuteranomaly

53.2638, 0.3189, 0.3194

Tritanomaly

53.5656, 0.3077, 0.3169

Monochromacy



Original Color

53.5948, 0.3113, 0.3253

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.9930, 0.3120, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5948, 0.3113, 0.3253 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, 193, 196)` looks like.

```
.text, #text, p{  
    color:rgb(194, 193, 196)  
}
```

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, 193, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 193, 196) }
```

Border

The CSS property to change the border of an element to Yxy 53.5948, 0.3113, 0.3253 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, 193, 196) }
```

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

```
.border{ border-color:rgb(194, 193, 196) }
```

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

Here you see how a box with a 4 pixel rgb(194, 193, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 193, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 193, 196);  
box-shadow:4px 4px 4px 4px rgb(194, 193,  
196) }
```

Background

The CSS property to change the background color of an element to Yxy 53.5948, 0.3113, 0.3253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 193, 196) }
```

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

```
.background{ background-color: rgb(194,  
193, 196) }
```

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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