

# Converting Colors

Yxy(55.4086, 0.3152, 0.3348)

Have a look what the booklet for  
Yxy(55.4086, 0.3152, 0.3348)  
contains.

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# Color

**Yxy(55.4740, 0.3156, 0.3351)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4C5C0
RGB	196, 197, 192
RGB Percent	77%, 77%, 75%
CMY	0.2314, 0.2274, 0.2470
CMYK	0.01, 0.00, 0.03, 0.23
HSL	72°, 4%, 76%
HSV	72°, 3%, 77%
XYZ	52.2459, 55.4740, 57.8247
YIQ	196.1310, 1.0090, -1.7670

# Conversions

## Conversions Part 2

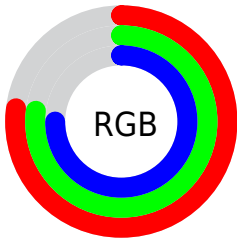
Format	Color
<a href="#">RYB</a>	<a href="#">192, 197, 193</a>
Decimal	<a href="#">12895680</a>
CIELab	<a href="#">79.31, -1.25, 2.37</a>
CIELCh	<a href="#">79, 2.681, 117.831</a>
Yxy	<a href="#">55.4740, 0.3156, 0.3351</a>
Android (android.graphics.Color)	<a href="#">4291085760 (0xFFC4C5C0)</a>
YUV	<a href="#">196.1310, -2.0366, -0.1149</a>
Hunter-Lab	<a href="#">74.4809, -5.1296, 6.1056</a>

# Details

The Yxy color **55.4740, 0.3156, 0.3351** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.0710, 0.3098, 0.3229**, and the grayscale version is **55.2980, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5436, 0.3156, 0.3348**, and **27.2598, 0.3156, 0.3356** is the 20% darker color. If you saturate the color by 10%, you get **54.1376, 0.3271, 0.3600**, and if you desaturate by 10%, it is **56.9460, 0.3044, 0.3117**.

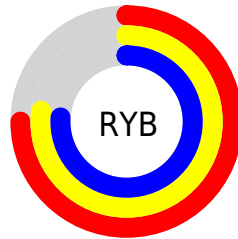
# Distribution



Red (77%)

Green (77%)

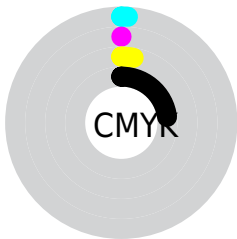
Blue (75%)



Red (75%)

Yellow (77%)

Blue (76%)

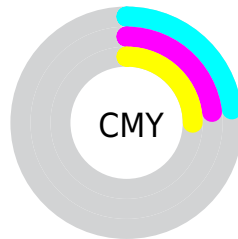


Cyan (1%)

Magenta (0%)

Yellow (3%)

Black (23%)



Cyan (23%)

Magenta (23%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 55.4740, 0.3156, 0.3351 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 55.4740, 0.3156, 0.3351 by changing the saturation by 10% instead.



■ 55.4740, 0.3156,  
0.3351

■ 55.4740, 0.3156,  
0.3351

407.7062, 0.3142,  
0.3321

■ 39.7814, 0.3159,  
0.3358

■ 98.2351, 0.3151,  
0.3340

■ 27.3681, 0.3164,  
0.3367

126.0723, 0.3149,  
0.3336

■ 17.8499, 0.3169,  
0.3379

158.7265, 0.3148,  
0.3333

■ 10.8423, 0.3177,  
0.3395

196.5821, 0.3146,  
0.3330

■ 5.9609, 0.3187,  
0.3419

240.0235, 0.3145,  
0.3327

■ 2.8213, 0.3204,  
0.3456

289.4350, 0.3144,

■ 1.0392, 0.3234,

0.3325

0.3522

345.2011, 0.3143,  
0.3323

0.0000, 0.0000,  
0.0000

55.4740, 0.3156,  
0.3351

55.4740, 0.3156,  
0.3351

54.1376, 0.3271,  
0.3600

56.9460, 0.3044,  
0.3117

52.9250, 0.3388,  
0.3860

58.5510, 0.2938,  
0.2899

51.8335, 0.3501,  
0.4125

60.2955, 0.2838,  
0.2700

50.8577, 0.3606,  
0.4385

61.1233, 0.2841,  
0.2667

49.9919, 0.3699,  
0.4632

61.7172, 0.2869,  
0.2672

■ 49.2295, 0.3773,  
0.4853

■ 62.3256, 0.2896,  
0.2677

■ 48.5635, 0.3825,  
0.5040

■ 62.9486, 0.2925,  
0.2682

■ 47.9857, 0.3852,  
0.5184

■ 63.5862, 0.2953,  
0.2687

■ 47.4863, 0.3853,  
0.5282

■ 64.2386, 0.2982,  
0.2692

# Harmonies

## Analogous

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



55.4740, 0.3184, 0.3347



55.4740, 0.3156, 0.3351



55.4740, 0.3121, 0.3338

# Triad

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



55.4740, 0.3156, 0.3351



55.4740, 0.3059, 0.3252



55.4740, 0.3167, 0.3268

# Complementary

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



55.4740, 0.3156, 0.3351



53.0710, 0.3098, 0.3229

# 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.



55.4740, 0.3134, 0.3243



55.4740, 0.3156, 0.3351



55.4740, 0.3071, 0.3233

# Square

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



55.4740, 0.3156, 0.3351



55.4740, 0.3065, 0.3281



55.4740, 0.3098, 0.3230



55.4740, 0.3190, 0.3299



# Rectangle

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



55.4740, 0.3156, 0.3351



55.4740, 0.3098, 0.3322



55.4740, 0.3098, 0.3230



55.4740, 0.3157, 0.3259

# Sweetspot

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



55.4764, 0.3156, 0.3351



99.7399, 0.3139, 0.3314



53.8187, 0.3167, 0.3302



21.3512, 0.3138, 0.3313



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.



55.4764, 0.3156, 0.3351



99.2271, 0.3162, 0.3363



55.1443, 0.3136, 0.3351



12.4771, 0.3170, 0.3381



31.0477, 0.3846, 0.5328



1.4982, 0.3922, 0.5268



# Inverse Universe

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



53.0710, 0.3098, 0.3229



94.0744, 0.3092, 0.3216



53.4020, 0.3118, 0.3229



11.6807, 0.3083, 0.3198



2.9706, 0.1605, 0.0658

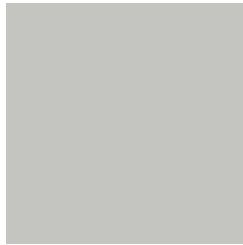


0.1718, 0.1808, 0.0769



# Previews

## White Background



This preview shows how the Yxy color 55.4740, 0.3156, 0.3351 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

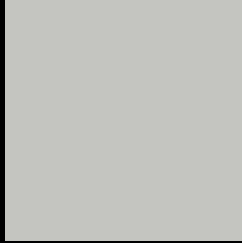
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 55.4740, 0.3156, 0.3351 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

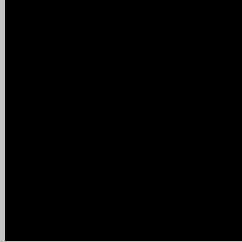
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

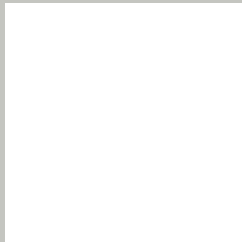
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 55.4740, 0.3156, 0.3351**

## **Background**



This preview shows how black text looks on a background with the Yxy color 55.4740, 0.3156, 0.3351.



This preview shows how white text looks on a background with the Yxy color 55.4740, 0.3156, 0.3351.

# 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

55.4740, 0.3156, 0.3351

### Protanopia

55.2093, 0.3205, 0.3339

### Deuteranopia

55.2761, 0.3319, 0.3256



## Tritanopia

55.3788, 0.3049, 0.3100

# Trichromacy



## Original Color

55.4740, 0.3156, 0.3351

## Protanomaly

55.3836, 0.3188, 0.3351

## Deuteranomaly

55.5455, 0.3258, 0.3290

## Tritanomaly

55.3478, 0.3092, 0.3194

# Monochromacy



## Original Color

55.4740, 0.3156, 0.3351

## Achromatopsia

55.2011, 0.3127, 0.3290

## Achromatomaly

55.1557, 0.3135, 0.3302

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 55.4740, 0.3156, 0.3351 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(196, 197, 192)` looks like.

```
.text, #text, p{  
    color:rgb(196, 197, 192)  
}
```

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(196, 197, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 197, 192) }
```

## Border

The CSS property to change the border of an element to Yxy 55.4740, 0.3156, 0.3351 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(196, 197, 192) }
```

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

```
.border{ border-color:rgb(196, 197, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 197, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 197, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 197, 192);  
box-shadow:4px 4px 4px 4px rgb(196, 197,  
192) }
```



# Background

The CSS property to change the background color of an element to Yxy 55.4740, 0.3156, 0.3351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 197, 192) }
```

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

```
.background{ background-color: rgb(196,  
197, 192) }
```

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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