

Converting Colors

Yxy(55.1193, 0.3083, 0.3217)

Have a look what the booklet for
Yxy(55.1193, 0.3083, 0.3217)
contains.

Yxy(54.8494, 0.3083, 0.3217)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(54.8494, 0.3083, 0.3217)

Conversions

Conversions Part 1

Format	Color
Hex	C3C3C9
RGB	195, 195, 201
RGB Percent	76%, 76%, 79%
CMY	0.2353, 0.2353, 0.2117
CMYK	0.03, 0.03, 0.00, 0.21
HSL	240°, 5%, 78%
HSV	240°, 3%, 79%
XYZ	52.5647, 54.8494, 63.0845
YIQ	195.6840, -1.9260, 1.8660

Conversions

Conversions Part 2

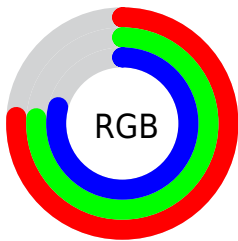
Format	Color
R_{YB}	195, 195, 201
Decimal	12829641
CIE Lab	78.95, 1.13, -3.02
CIE LCh	79, 3.221, 290.491
Yxy	54.8494, 0.3083, 0.3217
Android (android.graphics.Color)	4291019721 (0xFFC3C3C9)
YUV	195.6840, 2.6208, -0.5999
Hunter-Lab	74.0604, -2.9144, 1.3392

Details

The Yxy color **54.8494, 0.3083, 0.3217** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.1399, 0.3171, 0.3362**, and the grayscale version is **54.9894, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.5363, 0.3110, 0.3261**, and **26.8191, 0.3068, 0.3192** is the 20% darker color. If you saturate the color by 10%, you get **43.9454, 0.2922, 0.2951**, and if you desaturate by 10%, it is **67.3301, 0.3224, 0.3449**.

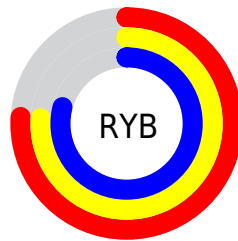
Distribution



Red (76%)

Green (76%)

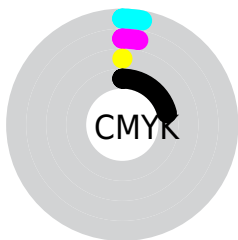
Blue (79%)



Red (76%)

Yellow (76%)

Blue (79%)

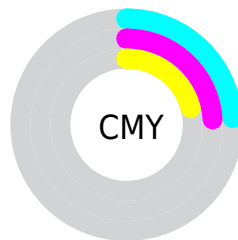


Cyan (3%)

Magenta (3%)

Yellow (0%)

Black (21%)



Cyan (24%)

Magenta (24%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.8494, 0.3083, 0.3217 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 54.8494, 0.3083, 0.3217 by changing the saturation by 10% instead.

■ 54.8494, 0.3083,
0.3217

■ 54.8494, 0.3083,
0.3217

405.3408, 0.3105,
0.3253

■ 39.2812, 0.3078,
0.3208

□ 97.3203, 0.3091,
0.3230

■ 26.9785, 0.3071,
0.3198

124.9917, 0.3094,
0.3235

■ 17.5571, 0.3063,
0.3183

157.4663, 0.3096,
0.3239

■ 10.6325, 0.3051,
0.3164

195.1285, 0.3098,
0.3242

■ 5.8203, 0.3034,
0.3137

238.3626, 0.3100,
0.3245

■ 2.7361, 0.3007,
0.3093

287.5531, 0.3102,

■ 0.9956, 0.2958,

0.3248

0.3017

343.0844, 0.3103,
0.3250

0.0000, 0.0000,
0.0000

54.8494, 0.3083,
0.3217

54.8494, 0.3083,
0.3217

43.9454, 0.2922,
0.2951

67.3301, 0.3224,
0.3449

34.5487, 0.2741,
0.2651

81.4392, 0.3345,
0.3650

26.5952, 0.2541,
0.2321

96.9978, 0.3448,
0.3820

20.0133, 0.2329,
0.1971

14.7257, 0.2115,
0.1617

■ 10.6470, 0.1913,
0.1283

■ 7.6818, 0.1739,
0.0996

■ 5.7203, 0.1609,
0.0781

■ 4.6306, 0.1531,
0.0651

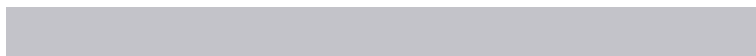
Harmonies

Analogous

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



54.8494, 0.3054, 0.3226



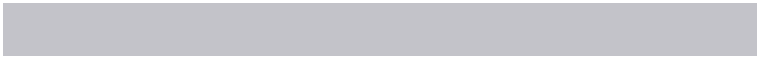
54.8494, 0.3083, 0.3217



54.8494, 0.3124, 0.3228

Triad

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



54.8494, 0.3083, 0.3217



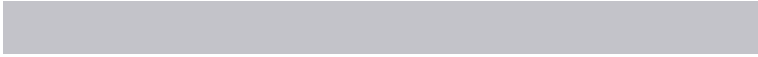
54.8494, 0.3211, 0.3328



54.8494, 0.3088, 0.3326

Complementary

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



54.8494, 0.3083, 0.3217



58.1399, 0.3171, 0.3362

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.



54.8494, 0.3130, 0.3354



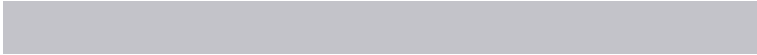
54.8494, 0.3083, 0.3217



54.8494, 0.3201, 0.3355

Square

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



54.8494, 0.3083, 0.3217



54.8494, 0.3198, 0.3291



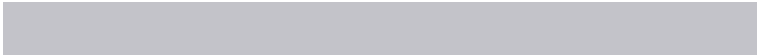
54.8494, 0.3171, 0.3364



54.8494, 0.3057, 0.3288

Rectangle

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



54.8494, 0.3083, 0.3217



54.8494, 0.3153, 0.3244



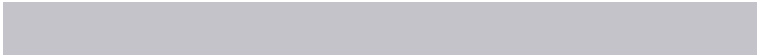
54.8494, 0.3171, 0.3364



54.8494, 0.3101, 0.3337

Sweetspot

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



54.8517, 0.3083, 0.3217



97.9041, 0.3112, 0.3266



57.5965, 0.3082, 0.3291



20.9776, 0.3113, 0.3267



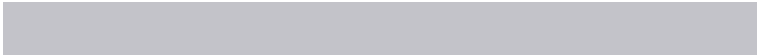
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



54.8517, 0.3083, 0.3217



91.7832, 0.3067, 0.3190



55.2416, 0.3106, 0.3218



11.4055, 0.3057, 0.3174



2.6532, 0.1500, 0.0600



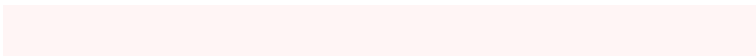
0.1259, 0.1501, 0.0602

Inverse Universe

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



55.3906, 0.3175, 0.3290



93.0245, 0.3193, 0.3290



57.7419, 0.3148, 0.3362



11.5855, 0.3204, 0.3290



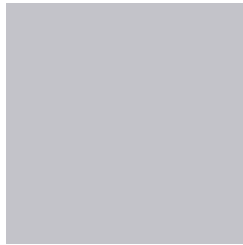
7.8078, 0.6400, 0.3299



0.3697, 0.6398, 0.3298

Previews

White Background



This preview shows how the Yxy color 54.8494, 0.3083, 0.3217 looks on a white background.

Color Contrast Check

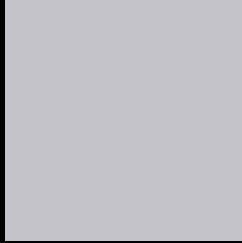
Large Text (above 18pt) WCAG AA × Fail

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 54.8494, 0.3083, 0.3217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

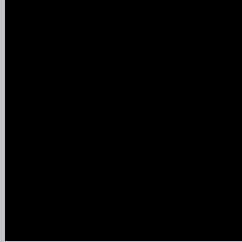
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

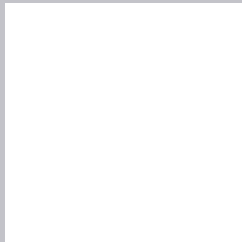
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.8494, 0.3083, 0.3217

Background



This preview shows how black text looks on a background with the Yxy color 54.8494, 0.3083, 0.3217.

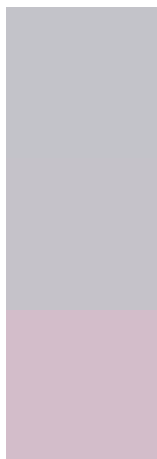


This preview shows how white text looks on a background with the Yxy color 54.8494, 0.3083, 0.3217.

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

54.8494, 0.3083, 0.3217

Protanopia

54.6709, 0.3099, 0.3205

Deuteranopia

54.5083, 0.3208, 0.3138



Tritanopia

54.9228, 0.3033, 0.3110

Trichromacy



Original Color

54.8494, 0.3083, 0.3217

Protanomaly

54.5364, 0.3091, 0.3205

Deuteranomaly

54.5050, 0.3158, 0.3160

Tritanomaly

54.7756, 0.3055, 0.3146

Monochromacy



Original Color

54.8494, 0.3083, 0.3217

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.2928, 0.3112, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.8494, 0.3083, 0.3217 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(195, 195, 201)` looks like.

```
.text, #text, p{  
    color:rgb(195, 195, 201)  
}
```

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(195, 195, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 195, 201) }
```

Border

The CSS property to change the border of an element to Yxy 54.8494, 0.3083, 0.3217 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(195, 195, 201) }
```

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

```
.border{ border-color:rgb(195, 195, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 195, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 195, 201); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 195, 201); box-shadow:4px 4px 4px 4px rgb(195, 195, 201) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8494, 0.3083, 0.3217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 195, 201) }
```

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

```
.background{ background-color: rgb(195,  
195, 201) }
```

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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