

Converting Colors

Yxy(55.1592, 0.3123, 0.3309)

Have a look what the booklet for
Yxy(55.1592, 0.3123, 0.3309)
contains.

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Color

Yxy(54.8893, 0.3119, 0.3302)

Conversions

Conversions Part 1

Format	Color
Hex	C2C4C3
RGB	194, 196, 195
RGB Percent	76%, 77%, 76%
CMY	0.2390, 0.2314, 0.2353
CMYK	0.01, 0.00, 0.01, 0.23
HSL	150°, 2%, 76%
HSV	150°, 1%, 77%
XYZ	51.8473, 54.8893, 59.4939
YIQ	195.2880, -0.8710, -0.7350

Conversions

Conversions Part 2

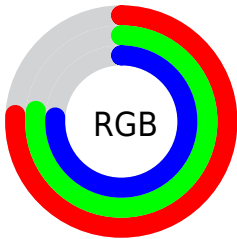
Format	Color
RYB	194, 195, 196
Decimal	12764355
CIELab	78.98, -0.85, 0.25
CIELCh	79, 0.883, 163.684
Yxy	54.8893, 0.3119, 0.3302
Android (android.graphics.Color)	4290954435 (0xFFC2C4C3)
YUV	195.2880, -0.1420, -1.1296
Hunter-Lab	74.0873, -4.7361, 4.2498

Details

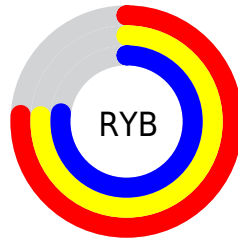
The Yxy color **54.8893, 0.3119, 0.3302** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.2804, 0.3135, 0.3278**, and the grayscale version is **54.7601, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6028, 0.3114, 0.3300**, and **26.8445, 0.3116, 0.3306** is the 20% darker color. If you saturate the color by 10%, you get **52.0315, 0.3037, 0.3431**, and if you desaturate by 10%, it is **58.1238, 0.3201, 0.3187**.

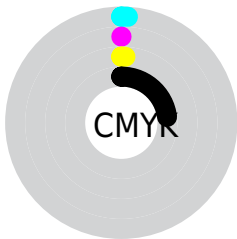
Distribution



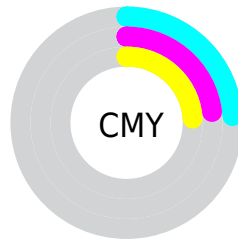
- Red (76%)
- Green (77%)
- Blue (76%)



- Red (76%)
- Yellow (76%)
- Blue (77%)



- Cyan (1%)
- Magenta (0%)
- Yellow (1%)
- Black (23%)




- Cyan (24%)
- Magenta (23%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.8893, 0.3119, 0.3302 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 54.8893, 0.3119, 0.3302 by changing the saturation by 10% instead.

 54.8893, 0.3119,
0.3302

 54.8893, 0.3119,
0.3302

405.4922, 0.3123,
0.3296

 39.3131, 0.3118,
0.3303


 97.3787, 0.3120,
0.3300

 27.0034, 0.3117,
0.3305


125.0608, 0.3121,
0.3299

 17.5758, 0.3115,
0.3307


157.5469, 0.3121,
0.3299

 10.6458, 0.3113,
0.3311

195.2214, 0.3122,
0.3298

 5.8292, 0.3110,
0.3315

238.4688, 0.3122,
0.3297

 2.7415, 0.3105,
0.3322

287.6735, 0.3123,

 0.9983, 0.3096,

0.3297

0.3335

343.2198, 0.3123,
0.3297

0.0000, 0.0000,
0.0000

54.8893, 0.3119,
0.3302

54.8893, 0.3119,
0.3302

52.0315, 0.3037,
0.3431

58.1238, 0.3201,
0.3187

49.5295, 0.2958,
0.3575

61.7409, 0.3282,
0.3086

47.3709, 0.2884,
0.3734

65.7557, 0.3361,
0.2997

45.5398, 0.2817,
0.3907

66.7202, 0.3302,
0.2901

44.0193, 0.2761,
0.4092

67.3101, 0.3228,
0.2807

■ 42.7906, 0.2720,
0.4286

■ 67.9326, 0.3157,
0.2716

■ 41.8331, 0.2696,
0.4485

■ 67.9558, 0.3154,
0.2712

■ 41.1230, 0.2691,
0.4683

■ 40.6325, 0.2706,
0.4874

Harmonies

Analogous

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



54.8893, 0.3131, 0.3309



54.8893, 0.3119, 0.3302



54.8893, 0.3109, 0.3292

Triad

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



54.8893, 0.3119, 0.3302



54.8893, 0.3113, 0.3270



54.8893, 0.3150, 0.3299

Complementary

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



54.8893, 0.3119, 0.3302



54.2804, 0.3135, 0.3278

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.



54.8893, 0.3145, 0.3288



54.8893, 0.3119, 0.3302



54.8893, 0.3124, 0.3272

Square

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



54.8893, 0.3119, 0.3302



54.8893, 0.3106, 0.3274



54.8893, 0.3136, 0.3279



54.8893, 0.3149, 0.3307

Rectangle

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



54.8893, 0.3119, 0.3302



54.8893, 0.3106, 0.3285



54.8893, 0.3136, 0.3279



54.8893, 0.3149, 0.3295

Sweetspot

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



54.8917, 0.3119, 0.3302

100.0000, 0.3127, 0.3290



54.9819, 0.3134, 0.3314



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.



54.8917, 0.3119, 0.3302



99.4366, 0.3119, 0.3302



54.9349, 0.3112, 0.3290



11.8660, 0.3119, 0.3301



25.9347, 0.2726, 0.5013



1.1345, 0.2611, 0.4598

Inverse Universe

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



54.2804, 0.3135, 0.3278



98.3031, 0.3136, 0.3278



54.2374, 0.3143, 0.3290



11.7414, 0.3135, 0.3279



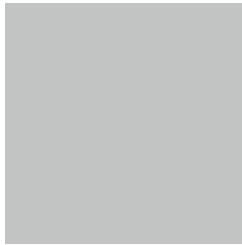
8.1419, 0.4907, 0.2477



0.3657, 0.4429, 0.2214

Previews

White Background



This preview shows how the Yxy color 54.8893, 0.3119, 0.3302 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 54.8893, 0.3119, 0.3302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

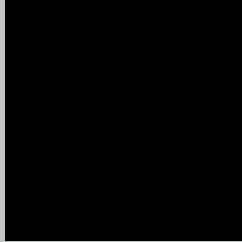
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

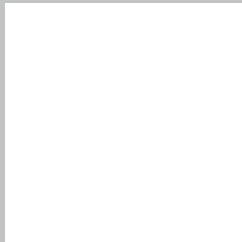
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.8893, 0.3119, 0.3302

Background



This preview shows how black text looks on a background with the Yxy color 54.8893, 0.3119, 0.3302.



This preview shows how white text looks on a background with the Yxy color 54.8893, 0.3119, 0.3302.

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

54.8893, 0.3119, 0.3302

Protanopia

54.6207, 0.3167, 0.3290

Deuteranopia

54.6769, 0.3280, 0.3209



Tritanopia

54.9228, 0.3033, 0.3110

Trichromacy



Original Color

54.8893, 0.3119, 0.3302

Protanomaly

54.7956, 0.3151, 0.3302

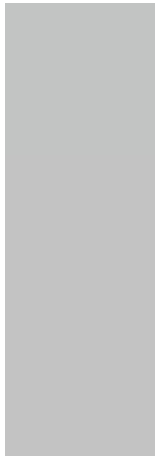
Deuteranomaly

54.9502, 0.3219, 0.3243

Tritanomaly

54.9919, 0.3061, 0.3181

Monochromacy



Original Color

54.8893, 0.3119, 0.3302

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.5724, 0.3127, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.8893, 0.3119, 0.3302 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, 196, 195)` looks like.

```
.text, #text, p{  
    color:rgb(194, 196, 195)  
}
```

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, 196, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 196, 195) }
```

Border

The CSS property to change the border of an element to Yxy 54.8893, 0.3119, 0.3302 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, 196, 195) }
```

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

```
.border{ border-color:rgb(194, 196, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 196, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 196, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 196, 195);  
box-shadow:4px 4px 4px 4px rgb(194, 196,  
195) }
```

Background

The CSS property to change the background color of an element to Yxy 54.8893, 0.3119, 0.3302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 196, 195) }
```

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

```
.background{ background-color: rgb(194,  
196, 195) }
```

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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