

Converting Colors

$Yxy(54.2618, 0.3117, 0.3273)$

Have a look what the booklet for
Yxy(54.2618, 0.3117, 0.3273)
contains.

Yxy(54.0384, 0.3112, 0.3266)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Yxy(54.0384, 0.3112, 0.3266)

Conversions

Conversions Part 1

Format	Color
Hex	C2C2C4
RGB	194, 194, 196
RGB Percent	76%, 76%, 77%
CMY	0.2394, 0.2391, 0.2314
CMYK	0.01, 0.01, 0.00, 0.23
HSL	238°, 2%, 76%
HSV	238°, 1%, 77%
XYZ	51.4904, 54.0384, 59.9287
YIQ	194.2280, -0.6420, 0.6220

Conversions

Conversions Part 2

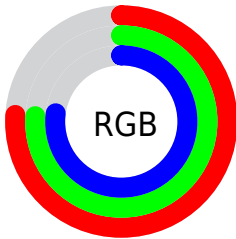
Format	Color
RYB	194, 194, 196
Decimal	12763844
CIELab	78.48, 0.34, -1.00
CIElCh	78, 1.056, 288.744
Yxy	54.0384, 0.3112, 0.3266
Android (android.graphics.Color)	4290953924 (0xFFC2C2C4)
YUV	194.2280, 0.8736, -0.2000
Hunter-Lab	73.5108, -3.6143, 3.1222

Details

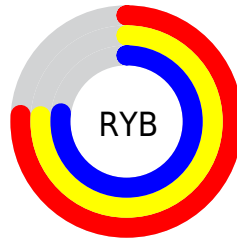
The Yxy color **54.0384, 0.3112, 0.3266** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.0590, 0.3142, 0.3314**, and the grayscale version is **54.0817, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.7871, 0.3110, 0.3261**, and **26.2846, 0.3107, 0.3257** is the 20% darker color. If you saturate the color by 10%, you get **43.7715, 0.2956, 0.3018**, and if you desaturate by 10%, it is **65.7102, 0.3249, 0.3483**.

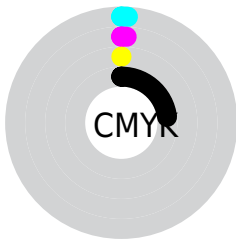
Distribution



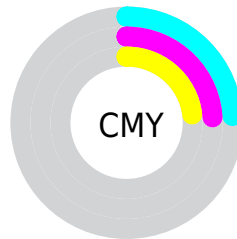
- Red (76%)
- Green (76%)
- Blue (77%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.0384, 0.3112, 0.3266 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 54.0384, 0.3112, 0.3266 by changing the saturation by 10% instead.

■ 54.0384, 0.3112,
0.3266

■ 54.0384, 0.3112,
0.3266

402.2564, 0.3119,
0.3278

■ 38.6324, 0.3110,
0.3263

■ 96.1306, 0.3115,
0.3270

■ 26.4738, 0.3108,
0.3260

123.5856, 0.3116,
0.3272

■ 17.1785, 0.3105,
0.3255

155.8257, 0.3117,
0.3273

■ 10.3618, 0.3101,
0.3248

193.2353, 0.3117,
0.3274

■ 5.6395, 0.3095,
0.3239

236.1987, 0.3118,
0.3275

■ 2.6271, 0.3085,
0.3224

285.1005, 0.3118,

■ 0.9403, 0.3068,

0.3276

0.3197

340.3249, 0.3119,
0.3277

0.0000, 0.0000,
0.0000

54.0384, 0.3112,
0.3266

54.0384, 0.3112,
0.3266

43.7715, 0.2956,
0.3018

65.7102, 0.3249,
0.3483

34.8499, 0.2780,
0.2737

78.8298, 0.3369,
0.3670

27.2200, 0.2587,
0.2427

93.4469, 0.3472,
0.3831

20.8219, 0.2380,
0.2093

96.7646, 0.3478,
0.3870

15.5910, 0.2170,
0.1749

■ 11.4569, 0.1967,
0.1415

■ 8.3414, 0.1788,
0.1115

■ 6.1563, 0.1646,
0.0872

■ 4.7981, 0.1553,
0.0706

Harmonies

Analogous

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



54.0384, 0.3103, 0.3269



54.0384, 0.3112, 0.3266



54.0384, 0.3125, 0.3269

Triad

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



54.0384, 0.3112, 0.3266



54.0384, 0.3155, 0.3302



54.0384, 0.3115, 0.3303

Complementary

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



54.0384, 0.3112, 0.3266



55.0590, 0.3142, 0.3314

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.



54.0384, 0.3129, 0.3311



54.0384, 0.3112, 0.3266



54.0384, 0.3152, 0.3311

Square

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



54.0384, 0.3112, 0.3266



54.0384, 0.3150, 0.3290



54.0384, 0.3143, 0.3315



54.0384, 0.3104, 0.3290

Rectangle

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



54.0384, 0.3112, 0.3266



54.0384, 0.3135, 0.3275



54.0384, 0.3143, 0.3315



54.0384, 0.3120, 0.3306

Sweetspot

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



54.0407, 0.3112, 0.3266

100.0000, 0.3127, 0.3290



54.9126, 0.3112, 0.3291



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.



54.0407, 0.3112, 0.3266



97.9690, 0.3112, 0.3267



54.1254, 0.3119, 0.3265



11.7046, 0.3114, 0.3268



2.7035, 0.1508, 0.0630



0.1401, 0.1539, 0.0740

Inverse Universe

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



54.1867, 0.3143, 0.3289



98.2273, 0.3143, 0.3289



54.9739, 0.3135, 0.3315



11.7330, 0.3141, 0.3289



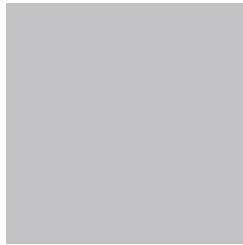
7.5551, 0.6350, 0.3272



0.3288, 0.6167, 0.3171

Previews

White Background



This preview shows how the Yxy color 54.0384, 0.3112, 0.3266 looks on a white background.

Color Contrast Check

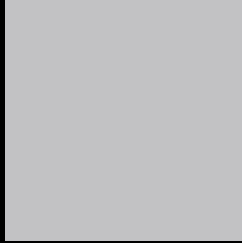
Large Text (above 18pt) WCAG AA × Fail

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 54.0384, 0.3112, 0.3266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

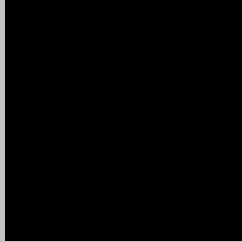
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

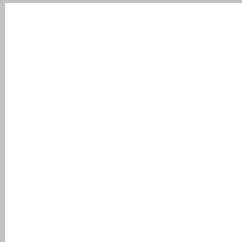
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.0384, 0.3112, 0.3266

Background



This preview shows how black text looks on a background with the Yxy color 54.0384, 0.3112, 0.3266.

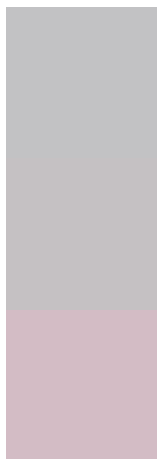


This preview shows how white text looks on a background with the Yxy color 54.0384, 0.3112, 0.3266.

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

54.0384, 0.3112, 0.3266

Protanopia

53.9504, 0.3144, 0.3266

Deuteranopia

53.8465, 0.3248, 0.3184



Tritanopia

53.9400, 0.3048, 0.3109

Trichromacy



Original Color

54.0384, 0.3112, 0.3266

Protanomaly

53.8158, 0.3136, 0.3266

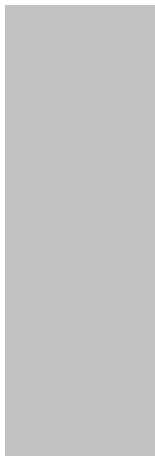
Deuteranomaly

53.8373, 0.3197, 0.3207

Tritanomaly

54.0538, 0.3069, 0.3169

Monochromacy



Original Color

54.0384, 0.3112, 0.3266

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 54.0384, 0.3112, 0.3266 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, 194, 196)` looks like.

```
.text, #text, p{  
    color:rgb(194, 194, 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, 194, 196) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 54.0384, 0.3112, 0.3266 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, 194, 196) }
```

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

```
.border{ border-color:rgb(194, 194, 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, 194, 196)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to Yxy 54.0384, 0.3112, 0.3266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(194,  
194, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor