

Converting Colors

Yxy(53.8458, 0.3116, 0.3177)

Have a look what the booklet for
Yxy(53.8458, 0.3116, 0.3177)
contains.

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Color

Yxy(54.0584, 0.3116, 0.3182)

Conversions

Conversions Part 1

Format	Color
Hex	C7C0C9
RGB	199, 192, 201
RGB Percent	78%, 75%, 79%
CMY	0.2197, 0.2470, 0.2118
CMYK	0.01, 0.04, 0.00, 0.21
HSL	286°, 8%, 77%
HSV	286°, 4%, 79%
XYZ	52.9371, 54.0584, 62.8926
YIQ	195.1190, 1.2830, 4.2830

Conversions

Conversions Part 2

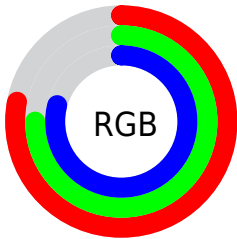
Format	Color
R_{YB}	199, 192, 201
Decimal	13091017
CIE _{Lab}	78.50, 4.07, -3.64
CIE _{LCh}	78, 5.460, 318.214
Yxy	54.0584, 0.3116, 0.3182
Android (android.graphics.Color)	4291281097 (0xFFC7C0C9)
YUV	195.1190, 2.8993, 3.4036
Hunter-Lab	73.5244, -0.1488, 0.7506

Details

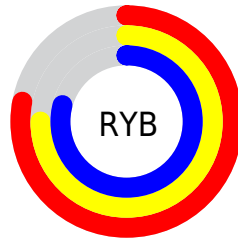
The Yxy color **54.0584, 0.3116, 0.3182** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.0469, 0.3138, 0.3399**, and the grayscale version is **54.6279, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6148, 0.3130, 0.3223**, and **26.5916, 0.3112, 0.3161** is the 20% darker color. If you saturate the color by 10%, you get **45.2186, 0.3087, 0.2930**, and if you desaturate by 10%, it is **64.1265, 0.3140, 0.3420**.

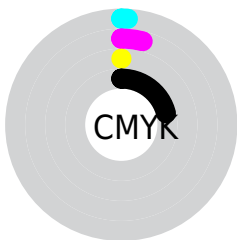
Distribution



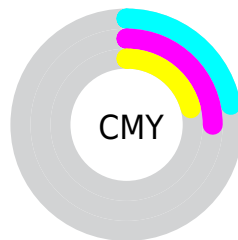
- Red (78%)
- Green (75%)
- Blue (79%)



- Red (78%)
- Yellow (75%)
- Blue (79%)



- Cyan (1%)
- Magenta (4%)
- Yellow (0%)
- Black (21%)





- Cyan (22%)
- Magenta (25%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.0584, 0.3116, 0.3182 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 54.0584, 0.3116, 0.3182 by changing the saturation by 10% instead.


 54.0584, 0.3116,
0.3182

 54.0584, 0.3116,
0.3182


402.3327, 0.3122,
0.3234

 38.6484, 0.3115,
0.3169


 96.1600, 0.3118,
0.3201

 26.4863, 0.3113,
0.3153


123.6203, 0.3119,
0.3208

 17.1878, 0.3110,
0.3133


155.8662, 0.3119,
0.3214

 10.3685, 0.3107,
0.3105


193.2820, 0.3120,
0.3219

 5.6439, 0.3102,
0.3064

236.2522, 0.3121,
0.3224

 2.6298, 0.3094,
0.3001

285.1611, 0.3121,

 0.9417, 0.3077,

0.3228

0.2890

340.3931, 0.3121,
0.3231

0.0000, 0.0000,
0.0000

54.0584, 0.3116,
0.3182

54.0584, 0.3116,
0.3182

45.2186, 0.3087,
0.2930

64.1265, 0.3140,
0.3420

37.5515, 0.3052,
0.2668

75.4619, 0.3158,
0.3640

31.0074, 0.3011,
0.2403

88.1104, 0.3173,
0.3843

25.5304, 0.2964,
0.2142

90.4970, 0.3200,
0.3864

21.0598, 0.2911,
0.1898

91.1998, 0.3228,
0.3859

■ 17.5287, 0.2854,
0.1679

■ 91.9219, 0.3258,
0.3854

■ 14.8618, 0.2795,
0.1497

■ 92.6632, 0.3287,
0.3849

■ 12.9722, 0.2734,
0.1359

■ 93.4239, 0.3316,
0.3844

■ 11.7544, 0.2675,
0.1267

■ 94.2043, 0.3346,
0.3838

Harmonies

Analogous

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



54.0584, 0.3047, 0.3166



54.0584, 0.3116, 0.3182



54.0584, 0.3189, 0.3226

Triad

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



54.0584, 0.3116, 0.3182



54.0584, 0.3256, 0.3397



54.0584, 0.3011, 0.3292

Complementary

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



54.0584, 0.3116, 0.3182



57.0469, 0.3138, 0.3399

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.



54.0584, 0.3065, 0.3356



54.0584, 0.3116, 0.3182



54.0584, 0.3207, 0.3417

Square

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



54.0584, 0.3116, 0.3182



54.0584, 0.3270, 0.3350



54.0584, 0.3137, 0.3402



54.0584, 0.2987, 0.3228

Rectangle

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



54.0584, 0.3116, 0.3182



54.0584, 0.3229, 0.3266



54.0584, 0.3137, 0.3402



54.0584, 0.3026, 0.3314

Sweetspot

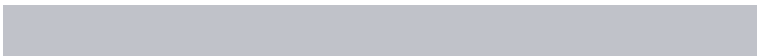
The Sweet Spot groups the original color and five complimentary colors.



54.0607, 0.3116, 0.3182



98.2751, 0.3125, 0.3266



54.0574, 0.3060, 0.3206



21.0531, 0.3125, 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.



54.0607, 0.3116, 0.3182



91.5931, 0.3114, 0.3167



54.2269, 0.3150, 0.3211



11.4259, 0.3113, 0.3153



7.1233, 0.2650, 0.1234



0.3677, 0.2773, 0.1301

Inverse Universe

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



54.0188, 0.3185, 0.3266



91.5130, 0.3193, 0.3262



56.8885, 0.3105, 0.3370



11.4149, 0.3201, 0.3259



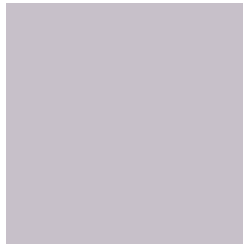
7.9395, 0.5984, 0.3070



0.3873, 0.5384, 0.2739

Previews

White Background



This preview shows how the Yxy color 54.0584, 0.3116, 0.3182 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 54.0584, 0.3116, 0.3182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

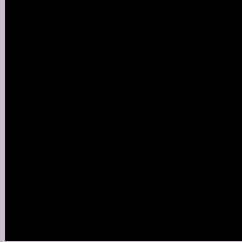
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

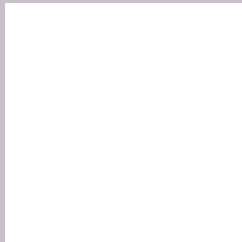
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.0584, 0.3116, 0.3182

Background



This preview shows how black text looks on a background with the Yxy color 54.0584, 0.3116, 0.3182.

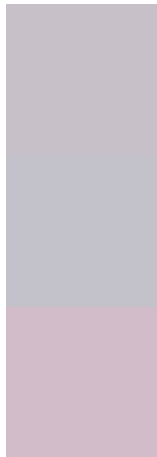


This preview shows how white text looks on a background with the Yxy color 54.0584, 0.3116, 0.3182.

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

54.0584, 0.3116, 0.3182

Protanopia

54.0063, 0.3077, 0.3181

Deuteranopia

53.9323, 0.3201, 0.3126



Tritanopia

53.9972, 0.3087, 0.3111

Trichromacy



Original Color

54.0584, 0.3116, 0.3182

Protanomaly

54.1400, 0.3084, 0.3181

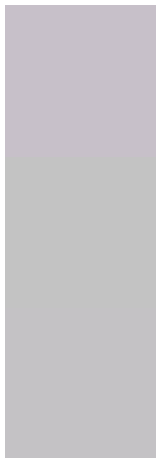
Deuteranomaly

53.7813, 0.3167, 0.3136

Tritanomaly

53.9006, 0.3102, 0.3134

Monochromacy



Original Color

54.0584, 0.3116, 0.3182

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.3506, 0.3121, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0584, 0.3116, 0.3182 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(199, 192, 201)` looks like.

```
.text, #text, p{  
    color:rgb(199, 192, 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(199, 192, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 192, 201) }
```

Border

The CSS property to change the border of an element to Yxy 54.0584, 0.3116, 0.3182 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(199, 192, 201) }
```

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

```
.border{ border-color:rgb(199, 192, 201) }
```

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

Here you see how a box with a 4 pixel rgb(199, 192, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 192, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 192, 201);  
box-shadow:4px 4px 4px 4px rgb(199, 192,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0584, 0.3116, 0.3182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 192, 201) }
```

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

```
.background{ background-color: rgb(199,  
192, 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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