

Converting Colors

$Yxy(58.5986, 0.3126, 0.3250)$

Have a look what the booklet for
Yxy(58.5986, 0.3126, 0.3250)
contains.

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Color

Yxy(58.3647, 0.3122, 0.3243)

Conversions

Conversions Part 1

Format	Color
Hex	CBC8CC
RGB	203, 200, 204
RGB Percent	80%, 78%, 80%
CMY	0.2038, 0.2157, 0.2001
CMYK	0.00, 0.02, 0.00, 0.20
HSL	286°, 4%, 79%
HSV	286°, 2%, 80%
XYZ	56.1870, 58.3647, 65.4196
YIQ	201.3530, 0.5040, 1.8800

Conversions

Conversions Part 2

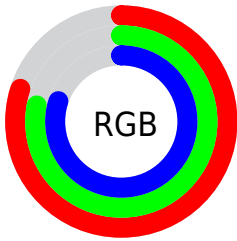
Format	Color
R _Y B	203, 200, 204
Decimal	13355212
CIE Lab	80.94, 1.78, -1.62
CIE LCh	81, 2.412, 317.673
Yxy	58.3647, 0.3122, 0.3243
Android (android.graphics.Color)	4291545292 (0xFFC8C8CC)
YUV	201.3530, 1.3050, 1.4444
Hunter-Lab	76.3968, -2.4142, 2.7070

Details

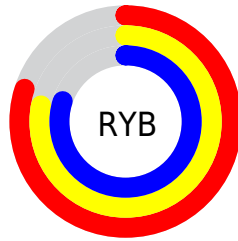
The Yxy color **58.3647, 0.3122, 0.3243** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.7577, 0.3132, 0.3337**, and the grayscale version is **58.6341, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **29.1493, 0.3120, 0.3227** is the 20% darker color. If you saturate the color by 10%, you get **48.8700, 0.3092, 0.2994**, and if you desaturate by 10%, it is **69.1463, 0.3146, 0.3477**.

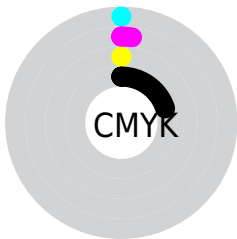
Distribution



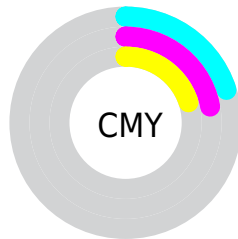
- Red (80%)
- Green (78%)
- Blue (80%)



- Red (80%)
- Yellow (78%)
- Blue (80%)



- Cyan (0%)
- Magenta (2%)
- Yellow (0%)
- Black (20%)



- Cyan (20%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.3647, 0.3122, 0.3243 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 58.3647, 0.3122, 0.3243 by changing the saturation by 10% instead.

■ 58.3647, 0.3122,
0.3243

■ 58.3647, 0.3122,
0.3243

418.5435, 0.3125,
0.3266

■ 42.1019, 0.3121,
0.3238

102.4538, 0.3123,
0.3251

■ 29.1811, 0.3121,
0.3231

131.0488, 0.3123,
0.3254

■ 19.2179, 0.3120,
0.3222

164.5234, 0.3124,
0.3257

■ 11.8278, 0.3118,
0.3210

203.2620, 0.3124,
0.3259

■ 6.6265, 0.3116,
0.3193

247.6489, 0.3124,
0.3261

■ 3.2297, 0.3113,
0.3168

298.0685, 0.3124,

■ 1.2528, 0.3107,

0.3263

0.3123

354.9052, 0.3124,
0.3264

0.1042, 0.3009,
0.2199

0.0000, 0.0000,
0.0000

58.3647, 0.3122,
0.3243

58.3647, 0.3122,
0.3243

48.8700, 0.3092,
0.2994

69.1463, 0.3146,
0.3477

40.6049, 0.3056,
0.2733

81.2543, 0.3166,
0.3693

33.5189, 0.3014,
0.2466

90.7214, 0.3186,
0.3831

27.5551, 0.2965,
0.2202

91.4786, 0.3217,
0.3826

■ 22.6519, 0.2910,
0.1950

■ 92.2579, 0.3248,
0.3821

■ 18.7416, 0.2850,
0.1721

■ 93.0594, 0.3279,
0.3815

■ 15.7485, 0.2787,
0.1527

■ 93.8834, 0.3311,
0.3810

■ 13.5859, 0.2723,
0.1375

■ 94.7300, 0.3343,
0.3805

■ 12.1501, 0.2660,
0.1269

■ 95.5993, 0.3375,
0.3800

Harmonies

Analogous

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



58.3647, 0.3092, 0.3236



58.3647, 0.3122, 0.3243



58.3647, 0.3153, 0.3262

Triad

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



58.3647, 0.3122, 0.3243



58.3647, 0.3183, 0.3336



58.3647, 0.3077, 0.3292

Complementary

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



58.3647, 0.3122, 0.3243



59.7577, 0.3132, 0.3337

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.



58.3647, 0.3101, 0.3319



58.3647, 0.3122, 0.3243



58.3647, 0.3162, 0.3344

Square

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



58.3647, 0.3122, 0.3243



58.3647, 0.3188, 0.3316



58.3647, 0.3132, 0.3338



58.3647, 0.3067, 0.3264

Rectangle

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



58.3647, 0.3122, 0.3243



58.3647, 0.3171, 0.3279



58.3647, 0.3132, 0.3338



58.3647, 0.3084, 0.3301

Sweetspot

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



58.3672, 0.3122, 0.3243



98.2689, 0.3125, 0.3266



58.4079, 0.3098, 0.3254



21.0518, 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.



58.3672, 0.3122, 0.3243



96.5597, 0.3122, 0.3241



58.4531, 0.3137, 0.3255



12.8625, 0.3122, 0.3245



7.2042, 0.2618, 0.1216



0.4050, 0.2739, 0.1283

Inverse Universe

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



58.3564, 0.3151, 0.3279



96.5413, 0.3152, 0.3278



59.6735, 0.3118, 0.3325



12.8602, 0.3150, 0.3279



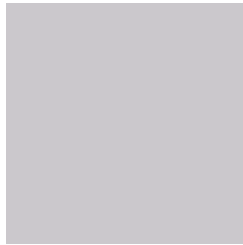
8.2293, 0.5949, 0.3051



0.4368, 0.5380, 0.2737

Previews

White Background



This preview shows how the Yxy color 58.3647, 0.3122, 0.3243 looks on a white background.

Color Contrast Check

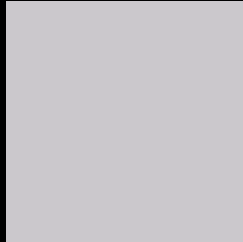
Large Text (above 18pt) WCAG AA × Fail

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 58.3647, 0.3122, 0.3243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

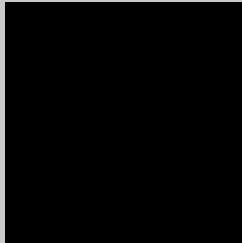
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

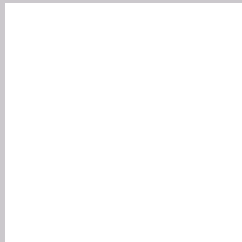
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.3647, 0.3122, 0.3243

Background



This preview shows how black text looks on a background with the Yxy color 58.3647, 0.3122, 0.3243.

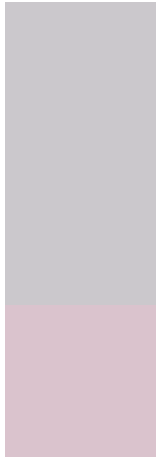


This preview shows how white text looks on a background with the Yxy color 58.3647, 0.3122, 0.3243.

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

58.3647, 0.3122, 0.3243

Protanopia

58.3647, 0.3122, 0.3243

Deuteranopia

58.3434, 0.3237, 0.3176



Tritanopia

58.2223, 0.3066, 0.3104

Trichromacy



Original Color

58.3647, 0.3122, 0.3243

Protanomaly

58.3647, 0.3122, 0.3243

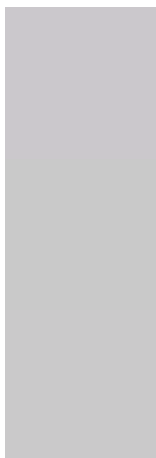
Deuteranomaly

58.4864, 0.3195, 0.3198

Tritanomaly

58.3374, 0.3087, 0.3161

Monochromacy



Original Color

58.3647, 0.3122, 0.3243

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.5941, 0.3128, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.3647, 0.3122, 0.3243 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(203, 200, 204) looks like.

```
.text, #text, p{  
    color:rgb(203, 200, 204)  
}
```

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(203, 200, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 200, 204) }
```

Border

The CSS property to change the border of an element to Yxy 58.3647, 0.3122, 0.3243 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(203, 200, 204) }
```

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

```
.border{ border-color:rgb(203, 200, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 200, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 200, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 200, 204);  
box-shadow:4px 4px 4px 4px rgb(203, 200,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 58.3647, 0.3122, 0.3243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 200, 204) }
```

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

```
.background{ background-color: rgb(203,  
200, 204) }
```

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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