

Converting Colors

Yxy(58.0153, 0.3102, 0.3139)

Have a look what the booklet for
Yxy(58.0153, 0.3102, 0.3139)
contains.

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Color

Yxy(58.1631, 0.3103, 0.3150)

Conversions

Conversions Part 1

Format	Color
Hex	CEC6D2
RGB	206, 198, 210
RGB Percent	81%, 78%, 82%
CMY	0.1919, 0.2236, 0.1764
CMYK	0.02, 0.06, 0.00, 0.18
HSL	280°, 12%, 80%
HSV	280°, 6%, 82%
XYZ	57.2953, 58.1631, 69.1864
YIQ	201.7600, 0.9160, 5.4280

Conversions

Conversions Part 2

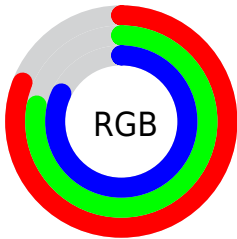
Format	Color
R _Y B	206, 198, 210
Decimal	13551314
CIE Lab	80.83, 5.01, -5.00
CIE LCh	81, 7.072, 315.058
Yxy	58.1631, 0.3103, 0.3150
Android (android.graphics.Color)	4291741394 (0xFFCEC6D2)
YUV	201.7600, 4.0623, 3.7185
Hunter-Lab	76.2647, 0.6381, -0.4018

Details

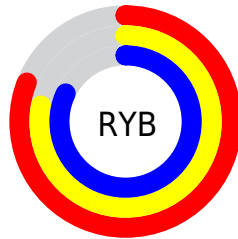
The Yxy color **58.1631, 0.3103, 0.3150** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.7218, 0.3150, 0.3431**, and the grayscale version is **58.8859, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **29.0222, 0.3094, 0.3105** is the 20% darker color. If you saturate the color by 10%, you get **48.2579, 0.3054, 0.2893**, and if you desaturate by 10%, it is **69.4476, 0.3144, 0.3391**.

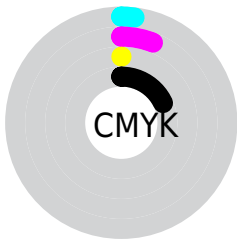
Distribution



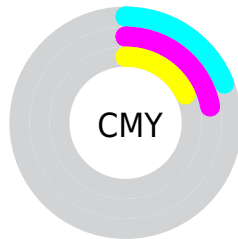
- Red (81%)
- Green (78%)
- Blue (82%)



- Red (81%)
- Yellow (78%)
- Blue (82%)



- Cyan (2%)
- Magenta (6%)
- Yellow (0%)
- Black (18%)



- Cyan (19%)
- Magenta (22%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.1631, 0.3103, 0.3150 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 58.1631, 0.3103, 0.3150 by changing the saturation by 10% instead.

■ 58.1631, 0.3103,
0.3150

■ 58.1631, 0.3103,
0.3150

417.7934, 0.3115,
0.3217

■ 41.9398, 0.3100,
0.3134

102.1603, 0.3107,
0.3174

■ 29.0541, 0.3096,
0.3114

130.7030, 0.3109,
0.3183

■ 19.1218, 0.3091,
0.3089

164.1210, 0.3110,
0.3190

■ 11.7583, 0.3085,
0.3054

202.7986, 0.3111,
0.3197

■ 6.5793, 0.3075,
0.3006

247.1203, 0.3113,
0.3203

■ 3.2004, 0.3060,
0.2933

297.4703, 0.3113,

■ 1.2373, 0.3031,

0.3208

0.2809

354.2333, 0.3114,
0.3213

0.0918, 0.2791,
0.1223

0.0000, 0.0000,
0.0000

58.1631, 0.3103,
0.3150

58.1631, 0.3103,
0.3150

48.2579, 0.3054,
0.2893

69.4476, 0.3144,
0.3391

39.6694, 0.2997,
0.2623

82.1557, 0.3177,
0.3612

32.3414, 0.2931,
0.2346

92.4599, 0.3209,
0.3757

26.2107, 0.2857,
0.2072

93.6002, 0.3254,
0.3751

■ 21.2084, 0.2775,
0.1812

■ 94.7858, 0.3298,
0.3744

■ 17.2584, 0.2688,
0.1577

■ 96.0172, 0.3343,
0.3738

■ 14.2750, 0.2599,
0.1379

■ 97.2949, 0.3389,
0.3731

■ 12.1587, 0.2510,
0.1228

■ 97.4337, 0.3394,
0.3730

■ 10.7867, 0.2425,
0.1125

Harmonies

Analogous

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



58.1631, 0.3018, 0.3134



58.1631, 0.3103, 0.3150



58.1631, 0.3196, 0.3202

Triad

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



58.1631, 0.3103, 0.3150



58.1631, 0.3294, 0.3421



58.1631, 0.2986, 0.3301

Complementary

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



58.1631, 0.3103, 0.3150



62.7218, 0.3150, 0.3431

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.



58.1631, 0.3058, 0.3381



58.1631, 0.3103, 0.3150



58.1631, 0.3236, 0.3450

Square

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



58.1631, 0.3103, 0.3150



58.1631, 0.3307, 0.3357



58.1631, 0.3149, 0.3436



58.1631, 0.2951, 0.3219

Rectangle

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



58.1631, 0.3103, 0.3150



58.1631, 0.3249, 0.3251



58.1631, 0.3149, 0.3436



58.1631, 0.3006, 0.3329

Sweetspot

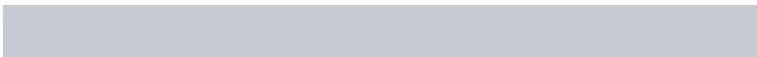
The Sweet Spot groups the original color and five complimentary colors.



58.1656, 0.3103, 0.3150



96.4733, 0.3119, 0.3241



58.8947, 0.3040, 0.3195



20.6862, 0.3119, 0.3244



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.



58.1656, 0.3103, 0.3150



88.0422, 0.3097, 0.3116



58.6381, 0.3148, 0.3174



12.2240, 0.3095, 0.3105



6.3571, 0.2402, 0.1097



0.3975, 0.2553, 0.1180

Inverse Universe

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



58.3445, 0.3193, 0.3244



88.3865, 0.3210, 0.3233



62.2720, 0.3107, 0.3409



12.2753, 0.3215, 0.3230



8.6354, 0.5644, 0.2883



0.4974, 0.5121, 0.2595

Previews

White Background



This preview shows how the Yxy color 58.1631, 0.3103, 0.3150 looks on a white background.

Color Contrast Check

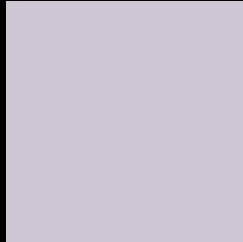
Large Text (above 18pt) WCAG AA × Fail

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 58.1631, 0.3103, 0.3150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

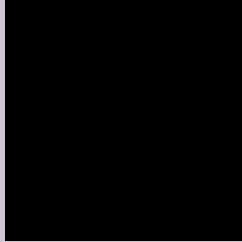
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

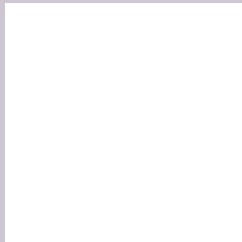
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.1631, 0.3103, 0.3150

Background



This preview shows how black text looks on a background with the Yxy color 58.1631, 0.3103, 0.3150.

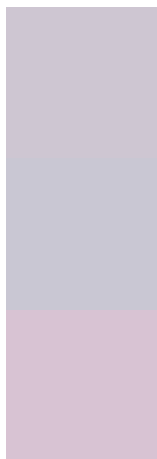


This preview shows how white text looks on a background with the Yxy color 58.1631, 0.3103, 0.3150.

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

58.1631, 0.3103, 0.3150

Protanopia

57.9675, 0.3057, 0.3149

Deuteranopia

58.3323, 0.3175, 0.3108



Tritanopia

58.0020, 0.3089, 0.3105

Trichromacy



Original Color

58.1631, 0.3103, 0.3150

Protanomaly

58.2465, 0.3072, 0.3150

Deuteranomaly

58.1801, 0.3143, 0.3118

Tritanomaly

57.9514, 0.3096, 0.3116

Monochromacy



Original Color

58.1631, 0.3103, 0.3150

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.8776, 0.3114, 0.3243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.1631, 0.3103, 0.3150 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(206, 198, 210)` looks like.

```
.text, #text, p{  
    color:rgb(206, 198, 210)  
}
```

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(206, 198, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 198, 210) }
```

Border

The CSS property to change the border of an element to Yxy 58.1631, 0.3103, 0.3150 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(206, 198, 210) }
```

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

```
.border{ border-color:rgb(206, 198, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 198, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 198, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 198, 210);  
box-shadow:4px 4px 4px 4px rgb(206, 198,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 58.1631, 0.3103, 0.3150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 198, 210) }
```

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

```
.background{ background-color: rgb(206,  
198, 210) }
```

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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