

Converting Colors

Yxy(58.1719, 0.3106, 0.3163)

Have a look what the booklet for
Yxy(58.1719, 0.3106, 0.3163)
contains.

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Color

Yxy(58.1134, 0.3110, 0.3162)

Conversions

Conversions Part 1

Format	Color
Hex	CEC6D1
RGB	206, 198, 209
RGB Percent	81%, 78%, 82%
CMY	0.1921, 0.2235, 0.1804
CMYK	0.01, 0.05, 0.00, 0.18
HSL	284°, 11%, 80%
HSV	284°, 5%, 82%
XYZ	57.1577, 58.1134, 68.5157
YIQ	201.6460, 1.2370, 5.1170

Conversions

Conversions Part 2

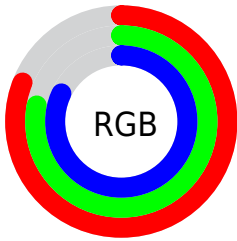
Format	Color
R _{YB}	206, 198, 209
Decimal	13551313
CIE Lab	80.80, 4.79, -4.49
CIE LCh	81, 6.560, 316.857
Yxy	58.1134, 0.3110, 0.3162
Android (android.graphics.Color)	4291741393 (0xFFCEC6D1)
YUV	201.6460, 3.6255, 3.8185
Hunter-Lab	76.2321, 0.4303, 0.0740

Details

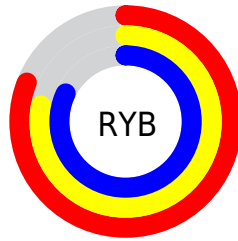
The Yxy color **58.1134, 0.3110, 0.3162** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.0846, 0.3143, 0.3420**, and the grayscale version is **58.8092, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **28.9885, 0.3104, 0.3120** is the 20% darker color. If you saturate the color by 10%, you get **48.4177, 0.3072, 0.2907**, and if you desaturate by 10%, it is **69.1613, 0.3141, 0.3402**.

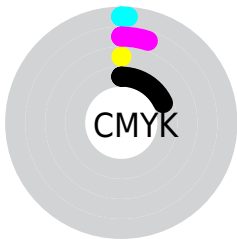
Distribution



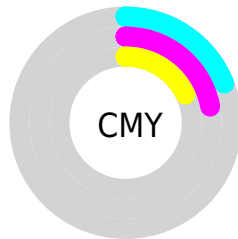
- Red (81%)
- Green (78%)
- Blue (82%)



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



- Cyan (1%)
- Magenta (5%)
- Yellow (0%)
- Black (18%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.1134, 0.3110, 0.3162 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 58.1134, 0.3110, 0.3162 by changing the saturation by 10% instead.

■ 58.1134, 0.3110,
0.3162

■ 58.1134, 0.3110,
0.3162

417.6084, 0.3119,
0.3223

■ 41.8998, 0.3108,
0.3148

102.0880, 0.3113,
0.3184

■ 29.0229, 0.3105,
0.3129

130.6178, 0.3114,
0.3192

■ 19.0981, 0.3102,
0.3106

164.0217, 0.3115,
0.3199

■ 11.7412, 0.3097,
0.3074

202.6843, 0.3116,
0.3205

■ 6.5677, 0.3090,
0.3030

246.9899, 0.3117,
0.3211

■ 3.1933, 0.3078,
0.2962

297.3228, 0.3117,

■ 1.2334, 0.3058,

0.3215

0.2848

354.0675, 0.3118,
0.3219

0.0888, 0.2873,
0.1268

0.0000, 0.0000,
0.0000

58.1134, 0.3110,
0.3162

58.1134, 0.3110,
0.3162

48.4177, 0.3072,
0.2907

69.1613, 0.3141,
0.3402

40.0128, 0.3027,
0.2641

81.6049, 0.3166,
0.3623

32.8435, 0.2975,
0.2371

91.8053, 0.3191,
0.3771

26.8479, 0.2916,
0.2104

92.7177, 0.3227,
0.3766

■ 21.9584, 0.2850,
0.1853

■ 93.6603, 0.3264,
0.3761

■ 18.1006, 0.2779,
0.1628

■ 94.6334, 0.3301,
0.3755

■ 15.1905, 0.2706,
0.1440

■ 95.6372, 0.3338,
0.3750

■ 13.1309, 0.2633,
0.1297

■ 96.6722, 0.3375,
0.3744

■ 11.8029, 0.2562,
0.1202

■ 97.3827, 0.3400,
0.3741

Harmonies

Analogous

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



58.1134, 0.3030, 0.3145



58.1134, 0.3110, 0.3162



58.1134, 0.3196, 0.3212

Triad

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



58.1134, 0.3110, 0.3162



58.1134, 0.3280, 0.3414



58.1134, 0.2993, 0.3295

Complementary

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



58.1134, 0.3110, 0.3162



62.0846, 0.3143, 0.3420

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.



58.1134, 0.3058, 0.3370



58.1134, 0.3110, 0.3162



58.1134, 0.3224, 0.3439

Square

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



58.1134, 0.3110, 0.3162



58.1134, 0.3294, 0.3357



58.1134, 0.3143, 0.3423



58.1134, 0.2963, 0.3220

Rectangle

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



58.1134, 0.3110, 0.3162



58.1134, 0.3244, 0.3258



58.1134, 0.3143, 0.3423



58.1134, 0.3011, 0.3321

Sweetspot

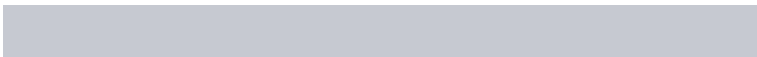
The Sweet Spot groups the original color and five complimentary colors.



58.1159, 0.3110, 0.3162



96.5285, 0.3121, 0.3241



58.4352, 0.3048, 0.3197



20.6974, 0.3121, 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.



58.1159, 0.3110, 0.3162



89.8476, 0.3107, 0.3142



58.4280, 0.3151, 0.3190



12.4612, 0.3105, 0.3129



7.0345, 0.2539, 0.1172



0.4313, 0.2666, 0.1243

Inverse Universe

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



58.1580, 0.3192, 0.3256



89.9254, 0.3203, 0.3250



61.7878, 0.3105, 0.3392



12.4732, 0.3210, 0.3247



8.5511, 0.5848, 0.2995



0.4915, 0.5313, 0.2701

Previews

White Background



This preview shows how the Yxy color 58.1134, 0.3110, 0.3162 looks on a white background.

Color Contrast Check

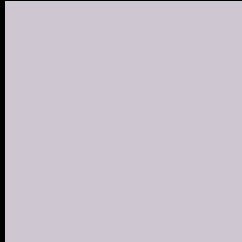
Large Text (above 18pt) WCAG AA × Fail

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 58.1134, 0.3110, 0.3162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

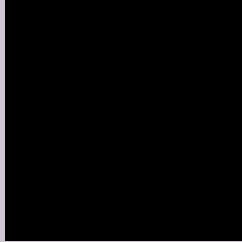
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

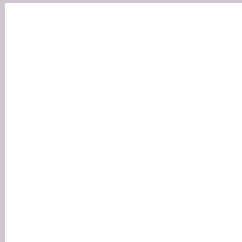
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.1134, 0.3110, 0.3162

Background



This preview shows how black text looks on a background with the Yxy color 58.1134, 0.3110, 0.3162.

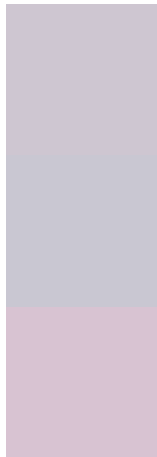


This preview shows how white text looks on a background with the Yxy color 58.1134, 0.3110, 0.3162.

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

58.1134, 0.3110, 0.3162

Protanopia

57.9175, 0.3064, 0.3161

Deuteranopia

58.2823, 0.3183, 0.3119



Tritanopia

58.0020, 0.3089, 0.3105

Trichromacy



Original Color

58.1134, 0.3110, 0.3162

Protanomaly

58.1965, 0.3079, 0.3161

Deuteranomaly

58.1300, 0.3150, 0.3129

Tritanomaly

57.9514, 0.3096, 0.3116

Monochromacy



Original Color

58.1134, 0.3110, 0.3162

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 58.1134, 0.3110, 0.3162 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, 209) looks like.

```
.text, #text, p{  
    color:rgb(206, 198, 209)  
}
```

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, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 198, 209) }
```

Border

The CSS property to change the border of an element to Yxy 58.1134, 0.3110, 0.3162 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, 209) }
```

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

```
.border{ border-color:rgb(206, 198, 209) }
```

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, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 198, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 198, 209);  
box-shadow:4px 4px 4px 4px rgb(206, 198,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 58.1134, 0.3110, 0.3162 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, 209) }
```

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

```
.background{ background-color: rgb(206,  
198, 209) }
```

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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