

Converting Colors

Yxy(58.9663, 0.3093, 0.3228)

Have a look what the booklet for
Yxy(58.9663, 0.3093, 0.3228)
contains.

Yxy(58.8348, 0.3092, 0.3219)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(58.8348, 0.3092, 0.3219)

Conversions

Conversions Part 1

Format	Color
Hex	CAC9CF
RGB	202, 201, 207
RGB Percent	79%, 79%, 81%
CMY	0.2077, 0.2118, 0.1881
CMYK	0.02, 0.03, 0.00, 0.19
HSL	250°, 6%, 80%
HSV	250°, 3%, 81%
XYZ	56.5136, 58.8348, 67.4252
YIQ	201.9830, -1.3300, 2.0780

Conversions

Conversions Part 2

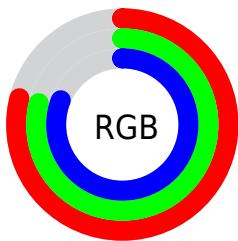
Format	Color
R _Y B	202, 201, 207
Decimal	13289935
CIE Lab	81.20, 1.48, -2.88
CIE LCh	81, 3.239, 297.097
Yxy	58.8348, 0.3092, 0.3219
Android (android.graphics.Color)	4291480015 (0xFFCAC9CF)
YUV	201.9830, 2.4734, 0.0149
Hunter-Lab	76.7038, -2.7172, 1.5749

Details

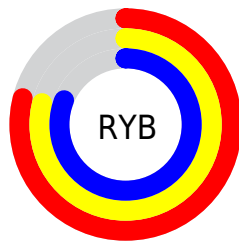
The Yxy color **58.8348, 0.3092, 0.3219** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.9764, 0.3162, 0.3360**, and the grayscale version is **59.0406, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **29.4632, 0.3080, 0.3196** is the 20% darker color. If you saturate the color by 10%, you get **47.5641, 0.2960, 0.2956**, and if you desaturate by 10%, it is **71.6777, 0.3207, 0.3452**.

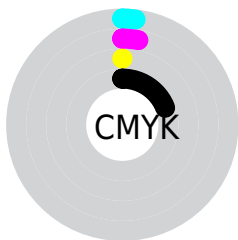
Distribution



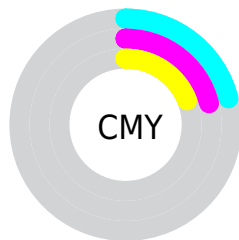
- Red (79%)
- Green (79%)
- Blue (81%)



- Red (79%)
- Yellow (79%)
- Blue (81%)



- Cyan (2%)
- Magenta (3%)
- Yellow (0%)
- Black (19%)



- Cyan (21%)
- Magenta (21%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.8348, 0.3092, 0.3219 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 58.8348, 0.3092, 0.3219 by changing the saturation by 10% instead.

■ 58.8348, 0.3092,
0.3219

■ 58.8348, 0.3092,
0.3219

420.2894, 0.3109,
0.3253

■ 42.4801, 0.3088,
0.3211

103.1375, 0.3098,
0.3231

■ 29.4774, 0.3083,
0.3201

131.8544, 0.3100,
0.3236

■ 19.4423, 0.3076,
0.3188

165.4608, 0.3102,
0.3240

■ 11.9903, 0.3067,
0.3170

204.3411, 0.3104,
0.3243

■ 6.7371, 0.3054,
0.3145

248.8797, 0.3105,
0.3246

■ 3.2982, 0.3035,
0.3106

299.4611, 0.3107,

■ 1.2893, 0.3000,

0.3249

0.3040

356.4695, 0.3108,
0.3251

0.1329, 0.2530,
0.2072

0.0000, 0.0000,
0.0000

58.8348, 0.3092,
0.3219

58.8348, 0.3092,
0.3219

47.5641, 0.2960,
0.2956

71.6777, 0.3207,
0.3452

37.7976, 0.2808,
0.2664

86.1424, 0.3305,
0.3657

29.4737, 0.2640,
0.2346

97.0061, 0.3402,
0.3762

22.5234, 0.2456,
0.2012

97.2863, 0.3412,
0.3760

■ 16.8722, 0.2264,
0.1674

■ 12.4383, 0.2073,
0.1353

■ 9.1305, 0.1895,
0.1071

■ 6.8446, 0.1744,
0.0850

■ 5.4563, 0.1629,
0.0704

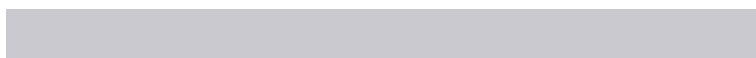
Harmonies

Analogous

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



58.8348, 0.3060, 0.3223



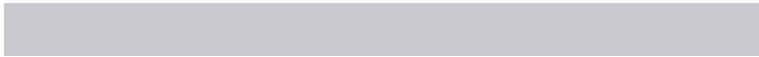
58.8348, 0.3092, 0.3219



58.8348, 0.3134, 0.3234

Triad

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



58.8348, 0.3092, 0.3219



58.8348, 0.3209, 0.3334



58.8348, 0.3081, 0.3318

Complementary

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



58.8348, 0.3092, 0.3219



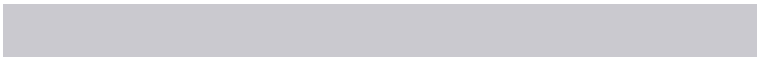
61.9764, 0.3162, 0.3360

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.



58.8348, 0.3120, 0.3348



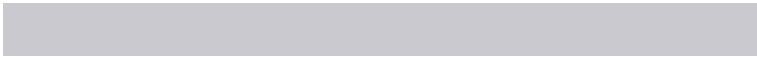
58.8348, 0.3092, 0.3219



58.8348, 0.3195, 0.3357

Square

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



58.8348, 0.3092, 0.3219



58.8348, 0.3201, 0.3300



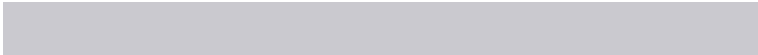
58.8348, 0.3162, 0.3362



58.8348, 0.3054, 0.3280

Rectangle

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



58.8348, 0.3092, 0.3219



58.8348, 0.3161, 0.3252



58.8348, 0.3162, 0.3362



58.8348, 0.3093, 0.3329

Sweetspot

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



58.8373, 0.3092, 0.3219



97.9850, 0.3115, 0.3266



61.0758, 0.3082, 0.3278



20.9941, 0.3116, 0.3267



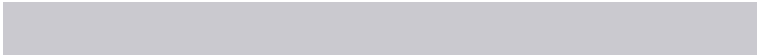
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



58.8373, 0.3092, 0.3219



94.0327, 0.3090, 0.3216



59.2585, 0.3115, 0.3220



12.9673, 0.3081, 0.3198



3.0962, 0.1580, 0.0644



0.2037, 0.1741, 0.0732

Inverse Universe

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



59.4961, 0.3138, 0.3232



95.1319, 0.3138, 0.3229



61.5525, 0.3139, 0.3361



13.1573, 0.3141, 0.3215



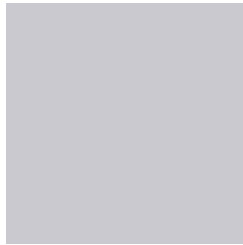
10.2374, 0.3691, 0.1807



0.5818, 0.3588, 0.1750

Previews

White Background



This preview shows how the Yxy color 58.8348, 0.3092, 0.3219 looks on a white background.

Color Contrast Check

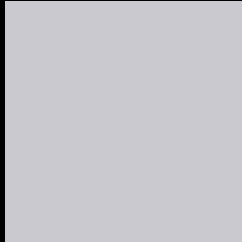
Large Text (above 18pt) WCAG AA × Fail

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 58.8348, 0.3092, 0.3219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

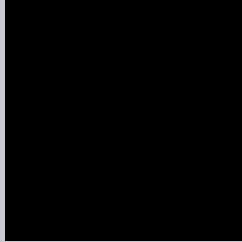
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

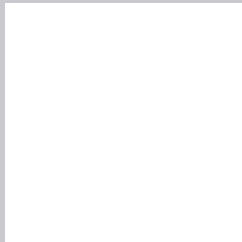
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.8348, 0.3092, 0.3219

Background



This preview shows how black text looks on a background with the Yxy color 58.8348, 0.3092, 0.3219.

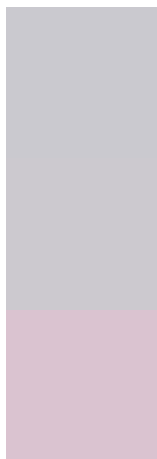


This preview shows how white text looks on a background with the Yxy color 58.8348, 0.3092, 0.3219.

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

58.8348, 0.3092, 0.3219

Protanopia

59.1157, 0.3107, 0.3220

Deuteranopia

58.4897, 0.3214, 0.3143



Tritanopia

58.9114, 0.3043, 0.3116

Trichromacy



Original Color

58.8348, 0.3092, 0.3219

Protanomaly

58.9748, 0.3100, 0.3220

Deuteranomaly

58.4836, 0.3165, 0.3164

Tritanomaly

58.7585, 0.3065, 0.3150

Monochromacy



Original Color

58.8348, 0.3092, 0.3219

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.1572, 0.3113, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.8348, 0.3092, 0.3219 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(202, 201, 207)` looks like.

```
.text, #text, p{  
    color:rgb(202, 201, 207)  
}
```

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(202, 201, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 201, 207) }
```

Border

The CSS property to change the border of an element to Yxy 58.8348, 0.3092, 0.3219 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(202, 201, 207) }
```

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

```
.border{ border-color:rgb(202, 201, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 201, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 201, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 201, 207);  
box-shadow:4px 4px 4px 4px rgb(202, 201,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 58.8348, 0.3092, 0.3219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 201, 207) }
```

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

```
.background{ background-color: rgb(202,  
201, 207) }
```

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