

Converting Colors

Yxy(59.4199, 0.3081, 0.3222)

Have a look what the booklet for
Yxy(59.4199, 0.3081, 0.3222)
contains.

Yxy(59.3517, 0.3085, 0.3220)	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(59.3517, 0.3085, 0.3220)

Conversions

Conversions Part 1

Format	Color
Hex	CACAD0
RGB	202, 202, 208
RGB Percent	79%, 79%, 82%
CMY	0.2077, 0.2078, 0.1845
CMYK	0.03, 0.03, 0.00, 0.18
HSL	240°, 6%, 80%
HSV	240°, 3%, 82%
XYZ	56.8634, 59.3517, 68.1070
YIQ	202.6840, -1.9260, 1.8660

Conversions

Conversions Part 2

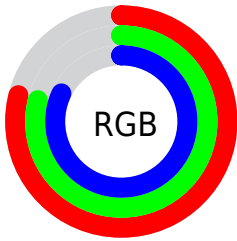
Format	Color
R _Y B	202, 202, 208
Decimal	13290192
CIE Lab	81.48, 1.12, -2.97
CIE LCh	81, 3.171, 290.641
Yxy	59.3517, 0.3085, 0.3220
Android (android.graphics.Color)	4291480272 (0xFFCACAD0)
YUV	202.6840, 2.6208, -0.5999
Hunter-Lab	77.0401, -3.0690, 1.5129

Details

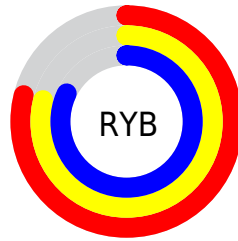
The Yxy color **59.3517, 0.3085, 0.3220** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.7577, 0.3169, 0.3359**, and the grayscale version is **59.4987, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **29.8088, 0.3070, 0.3196** is the 20% darker color. If you saturate the color by 10%, you get **47.5445, 0.2925, 0.2954**, and if you desaturate by 10%, it is **72.8672, 0.3225, 0.3452**.

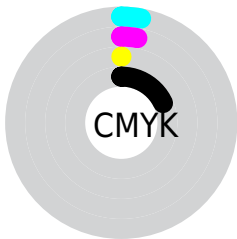
Distribution



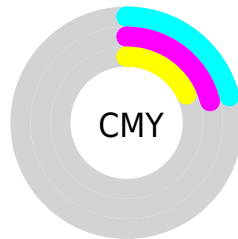
- Red (79%)
- Green (79%)
- Blue (82%)



- Red (79%)
- Yellow (79%)
- Blue (82%)



- Cyan (3%)
- Magenta (3%)
- Yellow (0%)
- Black (18%)



- Cyan (21%)
- Magenta (21%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.3517, 0.3085, 0.3220 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 59.3517, 0.3085, 0.3220 by changing the saturation by 10% instead.

■ 59.3517, 0.3085,
0.3220

■ 59.3517, 0.3085,
0.3220

422.2040, 0.3105,
0.3254

■ 42.8963, 0.3080,
0.3212

103.8887, 0.3092,
0.3232

■ 29.8038, 0.3074,
0.3202

132.7390, 0.3095,
0.3236

■ 19.6897, 0.3066,
0.3189

166.4898, 0.3097,
0.3240

■ 12.1697, 0.3056,
0.3172

205.5254, 0.3099,
0.3244

■ 6.8593, 0.3040,
0.3147

250.2302, 0.3101,
0.3247

■ 3.3743, 0.3017,
0.3109

300.9887, 0.3103,

■ 1.3301, 0.2977,

0.3249

0.3045

358.1851, 0.3104,
0.3252

0.1643, 0.2499,
0.2238

0.0000, 0.0000,
0.0000

59.3517, 0.3085,
0.3220

59.3517, 0.3085,
0.3220

47.5445, 0.2925,
0.2954

72.8672, 0.3225,
0.3452

37.3702, 0.2743,
0.2654

88.1470, 0.3346,
0.3653

28.7595, 0.2544,
0.2323

97.3321, 0.3406,
0.3751

21.6348, 0.2332,
0.1972

■ 15.9120, 0.2118,
0.1618

■ 11.4989, 0.1915,
0.1283

■ 8.2918, 0.1741,
0.0996

■ 6.1717, 0.1611,
0.0780

■ 4.9954, 0.1532,
0.0651

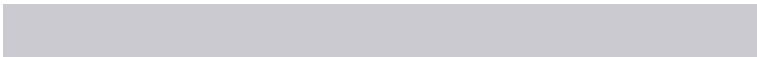
Harmonies

Analogous

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



59.3517, 0.3057, 0.3228



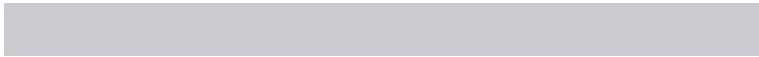
59.3517, 0.3085, 0.3220



59.3517, 0.3124, 0.3230

Triad

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



59.3517, 0.3085, 0.3220



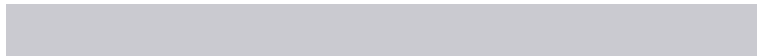
59.3517, 0.3207, 0.3327



59.3517, 0.3090, 0.3324

Complementary

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



59.3517, 0.3085, 0.3220



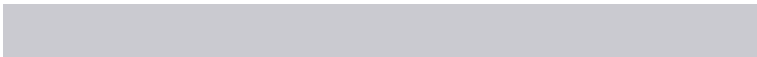
62.7577, 0.3169, 0.3359

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.



59.3517, 0.3130, 0.3351



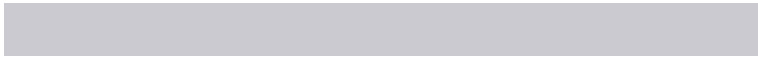
59.3517, 0.3085, 0.3220



59.3517, 0.3198, 0.3352

Square

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



59.3517, 0.3085, 0.3220



59.3517, 0.3195, 0.3292



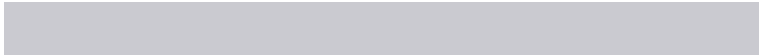
59.3517, 0.3169, 0.3361



59.3517, 0.3060, 0.3288

Rectangle

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



59.3517, 0.3085, 0.3220



59.3517, 0.3152, 0.3246



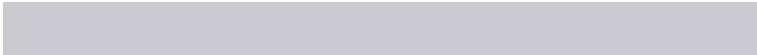
59.3517, 0.3169, 0.3361



59.3517, 0.3102, 0.3335

Sweetspot

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



59.3542, 0.3085, 0.3220



97.9051, 0.3112, 0.3266



62.2014, 0.3083, 0.3290



20.9778, 0.3113, 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.



59.3542, 0.3085, 0.3220



93.7988, 0.3082, 0.3216



59.7708, 0.3108, 0.3221



12.9270, 0.3071, 0.3197



2.8423, 0.1501, 0.0601



0.1597, 0.1506, 0.0603

Inverse Universe

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



60.1974, 0.3131, 0.3221



95.2140, 0.3131, 0.3217



62.3332, 0.3146, 0.3359



13.1716, 0.3132, 0.3200



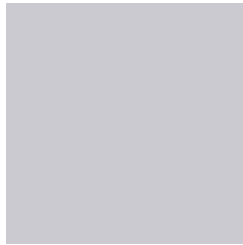
11.1731, 0.3218, 0.1547



0.6250, 0.3217, 0.1546

Previews

White Background



This preview shows how the Yxy color 59.3517, 0.3085, 0.3220 looks on a white background.

Color Contrast Check

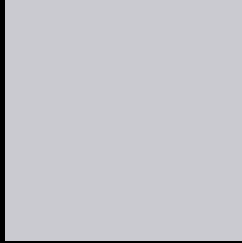
Large Text (above 18pt) WCAG AA × Fail

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 59.3517, 0.3085, 0.3220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

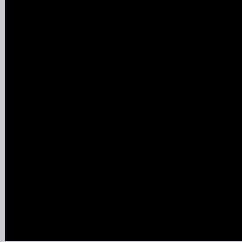
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

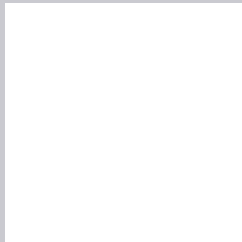
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.3517, 0.3085, 0.3220

Background



This preview shows how black text looks on a background with the Yxy color 59.3517, 0.3085, 0.3220.

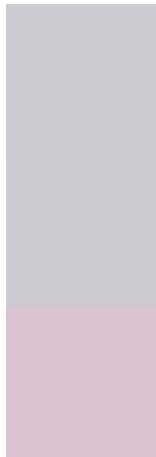


This preview shows how white text looks on a background with the Yxy color 59.3517, 0.3085, 0.3220.

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

59.3517, 0.3085, 0.3220

Protanopia

59.1647, 0.3100, 0.3208

Deuteranopia

59.1434, 0.3213, 0.3143



Tritanopia

59.4796, 0.3029, 0.3105

Trichromacy



Original Color

59.3517, 0.3085, 0.3220

Protanomaly

59.0239, 0.3093, 0.3208

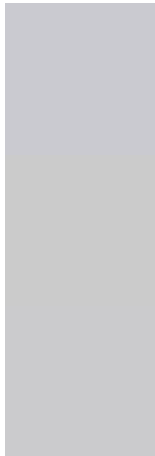
Deuteranomaly

59.1378, 0.3164, 0.3164

Tritanomaly

59.3248, 0.3050, 0.3139

Monochromacy



Original Color

59.3517, 0.3085, 0.3220

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.8162, 0.3113, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.3517, 0.3085, 0.3220 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, 202, 208)` looks like.

```
.text, #text, p{  
    color:rgb(202, 202, 208)  
}
```

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, 202, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 202, 208) }
```

Border

The CSS property to change the border of an element to Yxy 59.3517, 0.3085, 0.3220 is called "border". The border property can be set on classes, ids or directly on the HTML element.

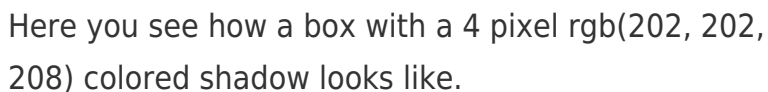
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(202, 202, 208) }
```

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

```
.border{ border-color:rgb(202, 202, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(202, 202, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(202, 202, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(202, 202, 208); box-shadow:4px 4px 4px 4px rgb(202, 202, 208) }
```


Background

The CSS property to change the background color of an element to Yxy 59.3517, 0.3085, 0.3220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 202, 208) }
```

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

```
.background{ background-color: rgb(202,  
202, 208) }
```

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