

Converting Colors

Yxy(56.9767, 0.3046, 0.3223)

Have a look what the booklet for
Yxy(56.9767, 0.3046, 0.3223)
contains.

Yxy(57.1857, 0.3045, 0.3230)	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(57.1857, 0.3045, 0.3230)

Conversions

Conversions Part 1

Format	Color
Hex	C2C8CD
RGB	194, 200, 205
RGB Percent	76%, 78%, 80%
CMY	0.2394, 0.2156, 0.1961
CMYK	0.05, 0.02, 0.00, 0.20
HSL	207°, 10%, 78%
HSV	207°, 5%, 80%
XYZ	53.9104, 57.1857, 65.9495
YIQ	198.7760, -5.1810, 0.2830

Conversions

Conversions Part 2

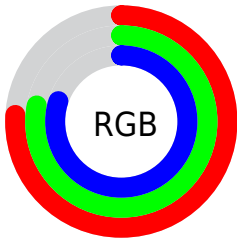
Format	Color
RYB	194, 198, 205
Decimal	12765389
CIELab	80.28, -1.13, -3.21
CIELCh	80, 3.405, 250.608
Yxy	57.1857, 0.3045, 0.3230
Android (android.graphics.Color)	4290955469 (0xFFC2C8CD)
YUV	198.7760, 3.0684, -4.1886
Hunter-Lab	75.6212, -5.0845, 1.2279

Details

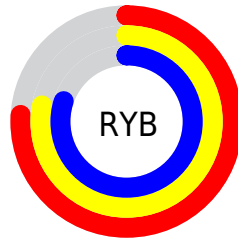
The Yxy color **57.1857, 0.3045, 0.3230** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.6796, 0.3212, 0.3349**, and the grayscale version is **56.9489, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0640, 0.3096, 0.3290**, and **28.3676, 0.3018, 0.3209** is the 20% darker color. If you saturate the color by 10%, you get **50.5156, 0.2889, 0.3109**, and if you desaturate by 10%, it is **64.4927, 0.3196, 0.3338**.

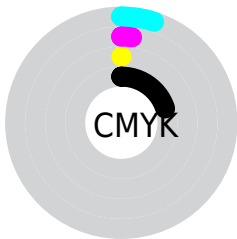
Distribution



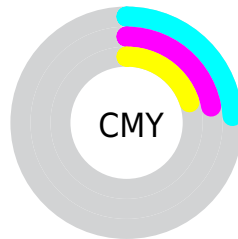
- Red (76%)
- Green (78%)
- Blue (80%)



- Red (76%)
- Yellow (78%)
- Blue (80%)



- Cyan (5%)
- Magenta (2%)
- Yellow (0%)
- Black (20%)



- Cyan (24%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.1857, 0.3045, 0.3230 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 57.1857, 0.3045, 0.3230 by changing the saturation by 10% instead.

■ 57.1857, 0.3045,
0.3230

■ 57.1857, 0.3045,
0.3230

■ 414.1448, 0.3085,
0.3259

■ 41.1544, 0.3036,
0.3223

■ 100.7361, 0.3059,
0.3240

■ 28.4397, 0.3024,
0.3214

■ 129.0239, 0.3064,
0.3244

■ 18.6574, 0.3008,
0.3203

■ 162.1661, 0.3069,
0.3248

■ 11.4230, 0.2987,
0.3187

■ 200.5469, 0.3073,
0.3251

■ 6.3521, 0.2957,
0.3165

■ 244.5507, 0.3077,
0.3253

■ 3.0603, 0.2911,
0.3130

■ 294.5621, 0.3080,

■ 1.1633, 0.2830,

0.3255

0.3068

350.9653, 0.3082,
0.3257

0.0314, 0.0078,
0.1075

0.0000, 0.0000,
0.0000

57.1857, 0.3045,
0.3230

57.1857, 0.3045,
0.3230

50.5156, 0.2889,
0.3109

64.4927, 0.3196,
0.3338

44.4552, 0.2729,
0.2975

72.4479, 0.3340,
0.3435

38.9863, 0.2570,
0.2829

80.9876, 0.3474,
0.3520

34.0863, 0.2415,
0.2671

86.1906, 0.3456,
0.3610

■ 29.7315, 0.2267,
0.2504

■ 91.6684, 0.3440,
0.3698

■ 25.8957, 0.2132,
0.2331

■ 97.1875, 0.3424,
0.3780

■ 22.5498, 0.2015,
0.2155

■ 19.6611, 0.1919,
0.1981

■ 17.1902, 0.1845,
0.1813

Harmonies

Analogous

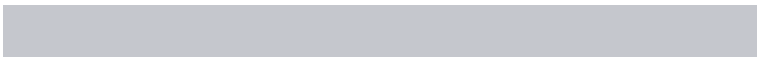
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



57.1857, 0.3043, 0.3262



57.1857, 0.3045, 0.3230



57.1857, 0.3069, 0.3215

Triad

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



57.1857, 0.3045, 0.3230



57.1857, 0.3192, 0.3278



57.1857, 0.3145, 0.3362

Complementary

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



57.1857, 0.3045, 0.3230



57.6796, 0.3212, 0.3349

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.



57.1857, 0.3185, 0.3366



57.1857, 0.3045, 0.3230



57.1857, 0.3213, 0.3318

Square

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



57.1857, 0.3045, 0.3230



57.1857, 0.3154, 0.3243



57.1857, 0.3210, 0.3350



57.1857, 0.3100, 0.3339

Rectangle

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



57.1857, 0.3045, 0.3230



57.1857, 0.3095, 0.3215



57.1857, 0.3210, 0.3350



57.1857, 0.3159, 0.3366

Sweetspot

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



57.1881, 0.3045, 0.3230



97.5899, 0.3096, 0.3268



59.2414, 0.3086, 0.3363



20.9136, 0.3098, 0.3269



0.0000, 0.0000, 0.0000



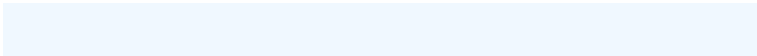
21.4041, 0.3127, 0.3290

Same Dimension

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



57.1881, 0.3045, 0.3230



92.8982, 0.3034, 0.3222



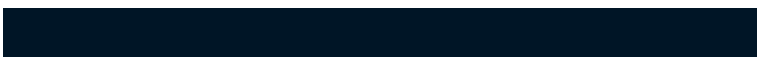
54.6749, 0.3046, 0.3163



12.2681, 0.3027, 0.3216



10.2536, 0.1822, 0.1760



0.6792, 0.1913, 0.2087

Inverse Universe

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



55.7085, 0.3170, 0.3218



90.1881, 0.3176, 0.3209



60.2667, 0.3207, 0.3414



11.8808, 0.3181, 0.3202



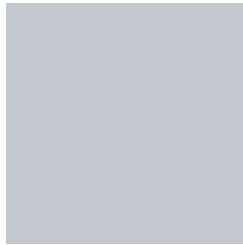
8.8381, 0.4733, 0.2381



0.4711, 0.4356, 0.2173

Previews

White Background



This preview shows how the Yxy color 57.1857, 0.3045, 0.3230 looks on a white background.

Color Contrast Check

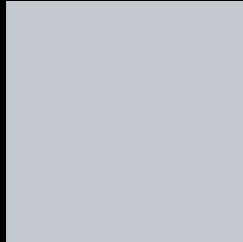
Large Text (above 18pt) WCAG AA × Fail

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 57.1857, 0.3045, 0.3230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

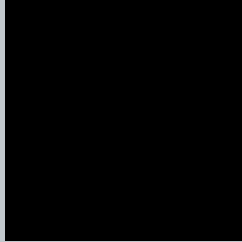
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

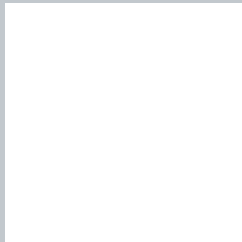
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.1857, 0.3045, 0.3230

Background



This preview shows how black text looks on a background with the Yxy color 57.1857, 0.3045, 0.3230.

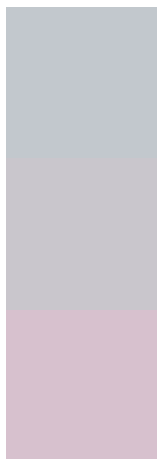


This preview shows how white text looks on a background with the Yxy color 57.1857, 0.3045, 0.3230.

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

57.1857, 0.3045, 0.3230

Protanopia

57.1653, 0.3107, 0.3219

Deuteranopia

57.0432, 0.3207, 0.3141



Tritanopia

57.3040, 0.2990, 0.3112

Trichromacy



Original Color

57.1857, 0.3045, 0.3230

Protanomaly

57.2122, 0.3083, 0.3230

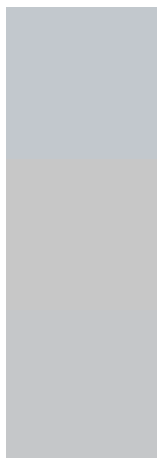
Deuteranomaly

57.2015, 0.3141, 0.3173

Tritanomaly

57.1521, 0.3011, 0.3147

Monochromacy



Original Color

57.1857, 0.3045, 0.3230

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.9342, 0.3097, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.1857, 0.3045, 0.3230 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(194, 200, 205)` looks like.

```
.text, #text, p{  
    color:rgb(194, 200, 205)  
}
```

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(194, 200, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 200, 205) }
```

Border

The CSS property to change the border of an element to Yxy 57.1857, 0.3045, 0.3230 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(194, 200, 205) }
```

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

```
.border{ border-color:rgb(194, 200, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 200, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 200, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 200, 205);  
box-shadow:4px 4px 4px 4px rgb(194, 200,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 57.1857, 0.3045, 0.3230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 200, 205) }
```

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

```
.background{ background-color: rgb(194,  
200, 205) }
```

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