

Converting Colors

$Y_{xy}(57.1275, 0.3092, 0.3205)$

Have a look what the booklet for
Yxy(57.1275, 0.3092, 0.3205)
contains.

Yxy(57.0753, 0.3092, 0.3207)	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(57.0753, 0.3092, 0.3207)

Conversions

Conversions Part 1

Format	Color
Hex	C8C6CD
RGB	200, 198, 205
RGB Percent	78%, 78%, 80%
CMY	0.2157, 0.2235, 0.1961
CMYK	0.02, 0.03, 0.00, 0.20
HSL	257°, 7%, 79%
HSV	257°, 3%, 80%
XYZ	55.0286, 57.0753, 65.8671
YIQ	199.3960, -1.0550, 2.6010

Conversions

Conversions Part 2

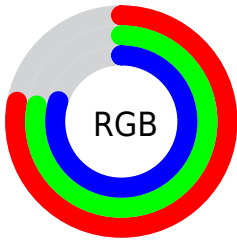
Format	Color
R _Y B	200, 198, 205
Decimal	13158093
CIE Lab	80.22, 1.98, -3.25
CIE LCh	80, 3.803, 301.356
Yxy	57.0753, 0.3092, 0.3207
Android (android.graphics.Color)	4291348173 (0xFFC8C6CD)
YUV	199.3960, 2.7628, 0.5297
Hunter-Lab	75.5482, -2.1915, 1.1915

Details

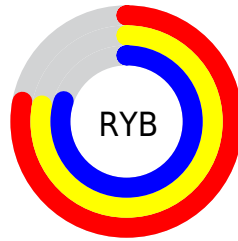
The Yxy color **57.0753, 0.3092, 0.3207** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.4346, 0.3162, 0.3372**, and the grayscale version is **57.3514, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **28.2919, 0.3080, 0.3179** is the 20% darker color. If you saturate the color by 10%, you get **46.4038, 0.2978, 0.2945**, and if you desaturate by 10%, it is **69.2146, 0.3190, 0.3442**.

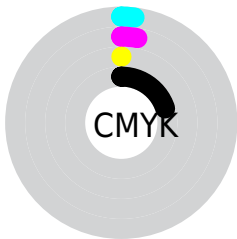
Distribution



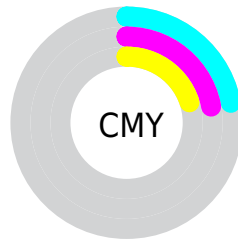
- Red (78%)
- Green (78%)
- Blue (80%)



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



- Cyan (2%)
- Magenta (3%)
- Yellow (0%)
- Black (20%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.0753, 0.3092, 0.3207 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 57.0753, 0.3092, 0.3207 by changing the saturation by 10% instead.

■ 57.0753, 0.3092,
0.3207

■ 57.0753, 0.3092,
0.3207

413.7314, 0.3109,
0.3247

■ 41.0657, 0.3088,
0.3197

100.5751, 0.3098,
0.3221

■ 28.3704, 0.3083,
0.3185

128.8340, 0.3100,
0.3227

■ 18.6051, 0.3076,
0.3170

161.9448, 0.3102,
0.3231

■ 11.3853, 0.3067,
0.3149

200.2920, 0.3104,
0.3235

■ 6.3266, 0.3053,
0.3119

244.2598, 0.3106,
0.3239

■ 3.0447, 0.3033,
0.3072

294.2327, 0.3107,

■ 1.1551, 0.2996,

0.3242

0.2992

350.5951, 0.3108,
0.3245

0.0246, 0.2047,
0.0702

0.0000, 0.0000,
0.0000

57.0753, 0.3092,
0.3207

57.0753, 0.3092,
0.3207

46.4038, 0.2978,
0.2945

69.2146, 0.3190,
0.3442

37.1367, 0.2847,
0.2658

82.8674, 0.3274,
0.3650

29.2168, 0.2699,
0.2348

95.1762, 0.3352,
0.3792

22.5800, 0.2537,
0.2025

97.1873, 0.3424,
0.3780

■ 17.1571, 0.2364,
0.1702

■ 12.8719, 0.2189,
0.1396

■ 9.6397, 0.2020,
0.1126

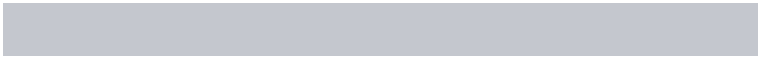
■ 7.3632, 0.1868,
0.0911

■ 5.9259, 0.1743,
0.0763

Harmonies

Analogous

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



57.0753, 0.3052, 0.3209



57.0753, 0.3092, 0.3207



57.0753, 0.3142, 0.3227

Triad

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



57.0753, 0.3092, 0.3207



57.0753, 0.3224, 0.3347



57.0753, 0.3066, 0.3317

Complementary

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



57.0753, 0.3092, 0.3207



60.4346, 0.3162, 0.3372

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.



57.0753, 0.3112, 0.3355



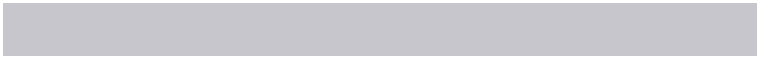
57.0753, 0.3092, 0.3207



57.0753, 0.3203, 0.3372

Square

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



57.0753, 0.3092, 0.3207



57.0753, 0.3218, 0.3308



57.0753, 0.3162, 0.3375



57.0753, 0.3037, 0.3272

Rectangle

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



57.0753, 0.3092, 0.3207



57.0753, 0.3174, 0.3250



57.0753, 0.3162, 0.3375



57.0753, 0.3080, 0.3331

Sweetspot

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



57.0777, 0.3092, 0.3207



98.0386, 0.3117, 0.3266



59.1875, 0.3075, 0.3268



21.0050, 0.3117, 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.



57.0777, 0.3092, 0.3207



92.3028, 0.3085, 0.3191



57.5478, 0.3118, 0.3208



12.1060, 0.3078, 0.3175



3.3455, 0.1688, 0.0704



0.2115, 0.1904, 0.0823

Inverse Universe

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



57.6835, 0.3145, 0.3231



93.4794, 0.3149, 0.3220



59.9656, 0.3136, 0.3373



12.2866, 0.3153, 0.3209



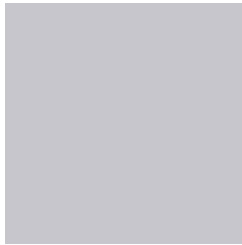
9.4088, 0.4074, 0.2018



0.4980, 0.3867, 0.1904

Previews

White Background



This preview shows how the Yxy color 57.0753, 0.3092, 0.3207 looks on a white background.

Color Contrast Check

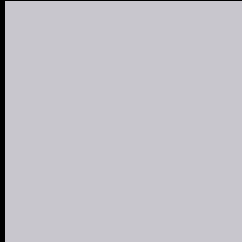
Large Text (above 18pt) WCAG AA × Fail

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 57.0753, 0.3092, 0.3207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

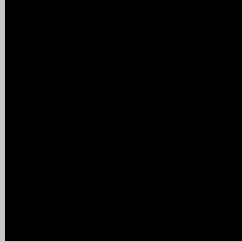
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

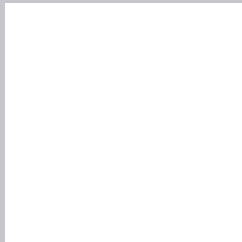
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.0753, 0.3092, 0.3207

Background



This preview shows how black text looks on a background with the Yxy color 57.0753, 0.3092, 0.3207.

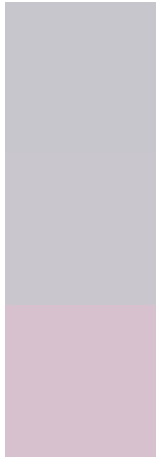


This preview shows how white text looks on a background with the Yxy color 57.0753, 0.3092, 0.3207.

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

57.0753, 0.3092, 0.3207

Protanopia

57.2135, 0.3100, 0.3207

Deuteranopia

57.0432, 0.3207, 0.3141



Tritanopia

57.1035, 0.3050, 0.3114

Trichromacy



Original Color

57.0753, 0.3092, 0.3207

Protanomaly

57.2135, 0.3100, 0.3207

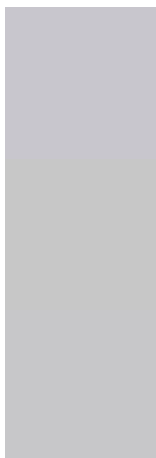
Deuteranomaly

57.1881, 0.3165, 0.3162

Tritanomaly

56.9535, 0.3071, 0.3148

Monochromacy



Original Color

57.0753, 0.3092, 0.3207

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.2060, 0.3113, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.0753, 0.3092, 0.3207 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(200, 198, 205) looks like.

```
.text, #text, p{  
    color:rgb(200, 198, 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(200, 198, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 198, 205) }
```

Border

The CSS property to change the border of an element to Yxy 57.0753, 0.3092, 0.3207 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(200, 198, 205) }
```

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

```
.border{ border-color:rgb(200, 198, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 198, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 198, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 198, 205);  
box-shadow:4px 4px 4px 4px rgb(200, 198,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 57.0753, 0.3092, 0.3207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 198, 205) }
```

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

```
.background{ background-color: rgb(200,  
198, 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