

Converting Colors

$Yxy(56.7492, 0.3201, 0.3267)$

Have a look what the booklet for
Yxy(56.7492, 0.3201, 0.3267)
contains.

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Color

Yxy(56.8225, 0.3200, 0.3267)

Conversions

Conversions Part 1

Format	Color
Hex	CFC4C6
RGB	207, 196, 198
RGB Percent	81%, 77%, 78%
CMY	0.1883, 0.2313, 0.2236
CMYK	0.00, 0.05, 0.04, 0.19
HSL	349°, 10%, 79%
HSV	349°, 5%, 81%
XYZ	55.6572, 56.8225, 61.4490
YIQ	199.5170, 5.9140, 2.9540

Conversions

Conversions Part 2

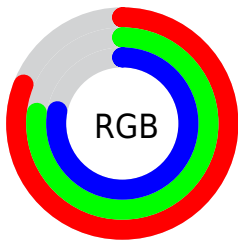
Format	Color
R_{YB}	207, 196, 198
Decimal	13616326
CIE Lab	80.08, 4.17, 0.38
CIE LCh	80, 4.190, 5.157
Yxy	56.8225, 0.3200, 0.3267
Android (android.graphics.Color)	4291806406 (0xFFCFC4C6)
YUV	199.5170, -0.7479, 6.5626
Hunter-Lab	75.3807, -0.1211, 4.4343

Details

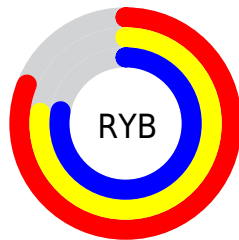
The Yxy color **56.8225, 0.3200, 0.3267** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.7578, 0.3059, 0.3313**, and the grayscale version is **57.4471, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7306, 0.3128, 0.3271**, and **28.1319, 0.3226, 0.3259** is the 20% darker color. If you saturate the color by 10%, you get **47.3819, 0.3362, 0.3221**, and if you desaturate by 10%, it is **67.6440, 0.3069, 0.3310**.

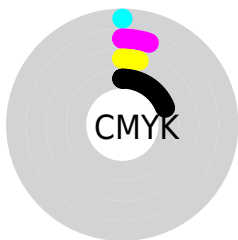
Distribution



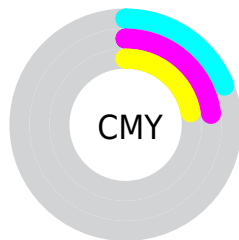
- Red (81%)
- Green (77%)
- Blue (78%)



- Red (81%)
- Yellow (77%)
- Blue (78%)



- Cyan (0%)
- Magenta (5%)
- Yellow (4%)
- Black (19%)



- Cyan (19%)
- Magenta (23%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.8225, 0.3200, 0.3267 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 56.8225, 0.3200, 0.3267 by changing the saturation by 10% instead.

■ 56.8225, 0.3200,
0.3267

■ 56.8225, 0.3200,
0.3267

412.7839, 0.3165,
0.3278

■ 40.8627, 0.3208,
0.3264

100.2061, 0.3187,
0.3271

■ 28.2119, 0.3219,
0.3261

128.3988, 0.3183,
0.3273

■ 18.4854, 0.3233,
0.3256

161.4379, 0.3179,
0.3274

■ 11.2991, 0.3252,
0.3250

199.7079, 0.3175,
0.3275

■ 6.2684, 0.3279,
0.3241

243.5931, 0.3172,
0.3276

■ 3.0089, 0.3321,
0.3228

293.4779, 0.3169,

■ 1.1364, 0.3396,

0.3277

0.3203

349.7467, 0.3167,
0.3278

0.0088, 0.9259,
0.0741

0.0000, 0.0000,
0.0000

56.8225, 0.3200,
0.3267

56.8225, 0.3200,
0.3267

47.3819, 0.3362,
0.3221

67.6440, 0.3069,
0.3310

39.2593, 0.3563,
0.3173

79.8910, 0.2963,
0.3349

32.3984, 0.3810,
0.3124

91.6165, 0.2875,
0.3352

26.7355, 0.4110,
0.3079

92.0013, 0.2843,
0.3289

■ 22.2016, 0.4464,
0.3042

■ 18.7206, 0.4864,
0.3021

■ 16.2069, 0.5286,
0.3024

■ 14.5613, 0.5688,
0.3060

■ 13.6633, 0.6017,
0.3125

Harmonies

Analogous

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



56.8225, 0.3150, 0.3225



56.8225, 0.3200, 0.3267



56.8225, 0.3230, 0.3315

Triad

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



56.8225, 0.3200, 0.3267



56.8225, 0.3159, 0.3382



56.8225, 0.3023, 0.3222

Complementary

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



56.8225, 0.3200, 0.3267



60.7578, 0.3059, 0.3313

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.



56.8225, 0.3026, 0.3264



56.8225, 0.3200, 0.3267



56.8225, 0.3103, 0.3357

Square

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



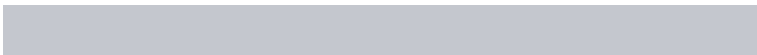
56.8225, 0.3200, 0.3267



56.8225, 0.3206, 0.3382



56.8225, 0.3055, 0.3313



56.8225, 0.3049, 0.3199

Rectangle

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



56.8225, 0.3200, 0.3267



56.8225, 0.3235, 0.3345



56.8225, 0.3055, 0.3313



56.8225, 0.3021, 0.3234

Sweetspot

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



56.8250, 0.3200, 0.3267



96.5225, 0.3154, 0.3281



56.9648, 0.3117, 0.3162



20.6962, 0.3153, 0.3282



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.



56.8250, 0.3200, 0.3267



89.8413, 0.3211, 0.3264



58.3182, 0.3212, 0.3331



12.4605, 0.3219, 0.3261



8.4526, 0.6113, 0.3141



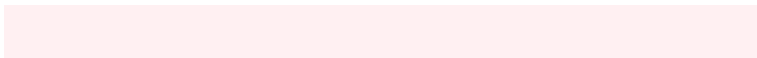
0.4834, 0.5622, 0.2871

Inverse Universe

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



56.8250, 0.3200, 0.3267



89.8413, 0.3211, 0.3264



59.1911, 0.3046, 0.3249



12.4605, 0.3219, 0.3261



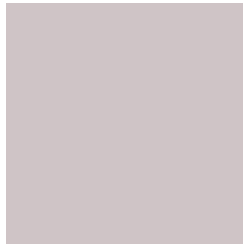
8.4526, 0.6113, 0.3141



0.4834, 0.5622, 0.2871

Previews

White Background



This preview shows how the Yxy color 56.8225, 0.3200, 0.3267 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 56.8225, 0.3200, 0.3267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

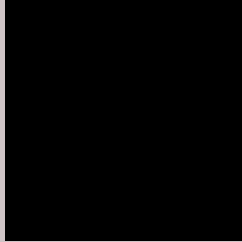
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

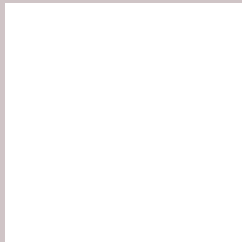
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.8225, 0.3200, 0.3267

Background



This preview shows how black text looks on a background with the Yxy color 56.8225, 0.3200, 0.3267.

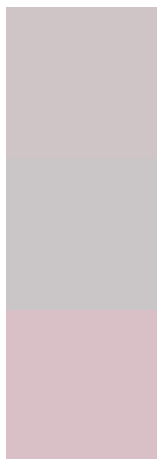


This preview shows how white text looks on a background with the Yxy color 56.8225, 0.3200, 0.3267.

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

56.8225, 0.3200, 0.3267

Protanopia

57.0682, 0.3151, 0.3278

Deuteranopia

56.5745, 0.3278, 0.3210



Tritanopia

56.7920, 0.3128, 0.3105

Trichromacy



Original Color

56.8225, 0.3200, 0.3267

Protanomaly

56.8934, 0.3168, 0.3266

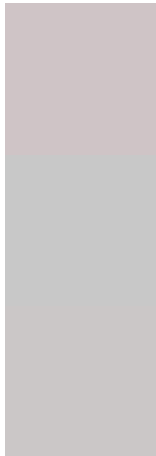
Deuteranomaly

56.4096, 0.3244, 0.3221

Tritanomaly

56.8963, 0.3149, 0.3162

Monochromacy



Original Color

56.8225, 0.3200, 0.3267

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.6669, 0.3159, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.8225, 0.3200, 0.3267 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(207, 196, 198)` looks like.

```
.text, #text, p{  
    color:rgb(207, 196, 198)  
}
```

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(207, 196, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 196, 198) }
```

Border

The CSS property to change the border of an element to Yxy 56.8225, 0.3200, 0.3267 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(207, 196, 198) }
```

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

```
.border{ border-color:rgb(207, 196, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 196, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 196, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 196, 198);  
box-shadow:4px 4px 4px 4px rgb(207, 196,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 56.8225, 0.3200, 0.3267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 196, 198) }
```

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

```
.background{ background-color: rgb(207,  
196, 198) }
```

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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