

Converting Colors

$Y_{xy}(56.5844, 0.3213, 0.3106)$

Have a look what the booklet for
Yxy(56.5844, 0.3213, 0.3106)
contains.

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Color

Yxy(56.5183, 0.3217, 0.3107)

Conversions

Conversions Part 1

Format	Color
Hex	D9BFCF
RGB	217, 191, 207
RGB Percent	85%, 75%, 81%
CMY	0.1489, 0.2510, 0.1882
CMYK	0.00, 0.12, 0.05, 0.15
HSL	323°, 26%, 80%
HSV	323°, 12%, 85%
XYZ	58.5193, 56.5183, 66.8688
YIQ	200.5980, 10.3600, 10.4880

Conversions

Conversions Part 2

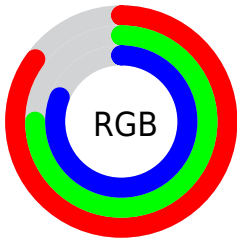
Format	Color
R _Y B	217, 191, 207
Decimal	14270415
CIE Lab	79.91, 11.96, -4.64
CIE LCh	80, 12.833, 338.792
Yxy	56.5183, 0.3217, 0.3107
Android (android.graphics.Color)	4292460495 (0xFFD9BFCF)
YUV	200.5980, 3.1562, 14.3846
Hunter-Lab	75.1787, 7.3822, -0.1113

Details

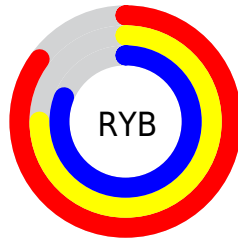
The Yxy color **56.5183, 0.3217, 0.3107** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.9393, 0.3047, 0.3480**, and the grayscale version is **58.1266, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0015, 0.3131, 0.3214**, and **28.1582, 0.3236, 0.3064** is the 20% darker color. If you saturate the color by 10%, you get **47.3484, 0.3308, 0.2947**, and if you desaturate by 10%, it is **67.1175, 0.3141, 0.3260**.

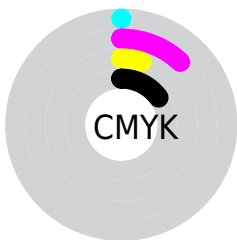
Distribution



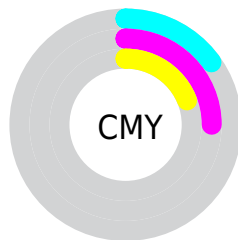
- Red (85%)
- Green (75%)
- Blue (81%)



- Red (85%)
- Yellow (75%)
- Blue (81%)



- Cyan (0%)
- Magenta (12%)
- Yellow (5%)
- Black (15%)





- Cyan (15%)
- Magenta (25%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.5183, 0.3217, 0.3107 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 56.5183, 0.3217, 0.3107 by changing the saturation by 10% instead.

 56.5183, 0.3217,
0.3107

 56.5183, 0.3217,
0.3107


411.6419, 0.3174,
0.3194

 40.6186, 0.3227,
0.3086


 99.7620, 0.3202,
0.3138

 28.0212, 0.3240,
0.3060


127.8748, 0.3196,
0.3150

 18.3416, 0.3256,
0.3027


160.8274, 0.3191,
0.3160

 11.1955, 0.3278,
0.2982

199.0043, 0.3187,
0.3169

 6.1985, 0.3309,
0.2919

242.7897, 0.3183,
0.3176

 2.9662, 0.3356,
0.2824

292.5682, 0.3180,

 1.1141, 0.3435,

0.3183

0.2663

348.7241, 0.3177,
0.3189

0.0000, 0.4739,
0.0000

0.0000, 0.0000,
0.0000

56.5183, 0.3217,
0.3107

56.5183, 0.3217,
0.3107

47.3484, 0.3308,
0.2947

67.1175, 0.3141,
0.3260

39.5384, 0.3414,
0.2784

79.1965, 0.3077,
0.3405

33.0246, 0.3538,
0.2625

92.1079, 0.3024,
0.3528

27.7349, 0.3679,
0.2477

92.5939, 0.2979,
0.3440

■ 23.5903, 0.3837,
0.2351

■ 93.1027, 0.2933,
0.3353

■ 20.5024, 0.4006,
0.2259

■ 93.4980, 0.2900,
0.3289

■ 18.3697, 0.4182,
0.2211

■ 17.0705, 0.4357,
0.2215

■ 16.4670, 0.4494,
0.2249

Harmonies

Analogous

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



56.5183, 0.3046, 0.3025



56.5183, 0.3217, 0.3107



56.5183, 0.3367, 0.3235

Triad

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



56.5183, 0.3217, 0.3107



56.5183, 0.3354, 0.3579



56.5183, 0.2814, 0.3186

Complementary

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



56.5183, 0.3217, 0.3107



64.9393, 0.3047, 0.3480

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.



56.5183, 0.2892, 0.3340



56.5183, 0.3217, 0.3107



56.5183, 0.3201, 0.3573

Square

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



56.5183, 0.3217, 0.3107



56.5183, 0.3446, 0.3506



56.5183, 0.3032, 0.3484



56.5183, 0.2817, 0.3066

Rectangle

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



56.5183, 0.3217, 0.3107



56.5183, 0.3432, 0.3332



56.5183, 0.3032, 0.3484



56.5183, 0.2831, 0.3236

Sweetspot

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



56.5208, 0.3217, 0.3107



93.4137, 0.3155, 0.3230



54.6828, 0.3015, 0.2984



19.7376, 0.3161, 0.3218



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.



56.5208, 0.3217, 0.3107



78.4467, 0.3235, 0.3074



55.9111, 0.3319, 0.3255



13.1855, 0.3196, 0.3147



9.9853, 0.4470, 0.2236



0.6635, 0.4210, 0.2093

Inverse Universe

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



56.5208, 0.3217, 0.3107



78.4467, 0.3235, 0.3074



65.5770, 0.2963, 0.3325



13.1855, 0.3196, 0.3147



9.9853, 0.4470, 0.2236



0.6635, 0.4210, 0.2093

Previews

White Background



This preview shows how the Yxy color 56.5183, 0.3217, 0.3107 looks on a white background.

Color Contrast Check

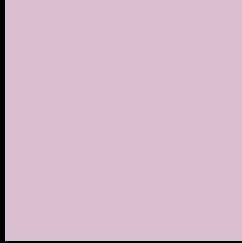
Large Text (above 18pt) WCAG AA × Fail

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 56.5183, 0.3217, 0.3107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

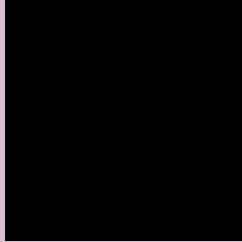
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.5183, 0.3217, 0.3107

Background



This preview shows how black text looks on a background with the Yxy color 56.5183, 0.3217, 0.3107.



This preview shows how white text looks on a background with the Yxy color 56.5183, 0.3217, 0.3107.

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

56.5183, 0.3217, 0.3107

Protanopia

56.6414, 0.3034, 0.3124

Deuteranopia

56.5004, 0.3192, 0.3118



Tritanopia

56.4695, 0.3225, 0.3119

Trichromacy



Original Color

56.5183, 0.3217, 0.3107

Protanomaly

56.6625, 0.3096, 0.3115

Deuteranomaly

56.6513, 0.3200, 0.3118

Tritanomaly

56.4695, 0.3225, 0.3119

Monochromacy



Original Color

56.5183, 0.3217, 0.3107

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.5097, 0.3162, 0.3220

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.5183, 0.3217, 0.3107 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(217, 191, 207)` looks like.

```
.text, #text, p{  
    color:rgb(217, 191, 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(217, 191, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 191, 207) }
```

Border

The CSS property to change the border of an element to Yxy 56.5183, 0.3217, 0.3107 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(217, 191, 207) }
```

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

```
.border{ border-color:rgb(217, 191, 207) }
```

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

Here you see how a box with a 4 pixel rgb(217, 191, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 191, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 191, 207);  
box-shadow:4px 4px 4px 4px rgb(217, 191,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 56.5183, 0.3217, 0.3107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 191, 207) }
```

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

```
.background{ background-color: rgb(217,  
191, 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](#).

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