

Converting Colors

$Y_{xy}(30.6253, 0.3750, 0.3158)$

Have a look what the booklet for
Yxy(30.6253, 0.3750, 0.3158)
contains.

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Color

Yxy(30.6285, 0.3750, 0.3158)

Conversions

Conversions Part 1

Format	Color
Hex	C5858F
RGB	197, 133, 143
RGB Percent	77%, 52%, 56%
CMY	0.2275, 0.4784, 0.4391
CMYK	0.00, 0.32, 0.27, 0.23
HSL	351°, 36%, 65%
HSV	351°, 32%, 77%
XYZ	36.3701, 30.6285, 29.9884
YIQ	153.2760, 34.9340, 16.6780

Conversions

Conversions Part 2

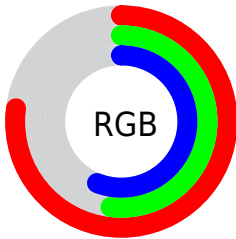
Format	Color
RYB	197, 133, 143
Decimal	12944783
CIELab	62.19, 25.96, 4.69
CIELCh	62, 26.382, 10.240
Yxy	30.6285, 0.3750, 0.3158
Android (android.graphics.Color)	4291134863 (0xFFC5858F)
YUV	153.2760, -5.0661, 38.3459
Hunter-Lab	55.3430, 20.4557, 6.6130

Details

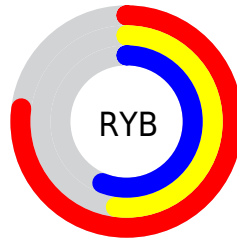
The Yxy color **30.6285, 0.3750, 0.3158** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.5015, 0.2730, 0.3429**, and the grayscale version is **31.9939, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.8319, 0.3620, 0.3188**, and **12.7276, 0.3966, 0.3111** is the 20% darker color. If you saturate the color by 10%, you get **25.2650, 0.4042, 0.3117**, and if you desaturate by 10%, it is **37.0810, 0.3511, 0.3200**.

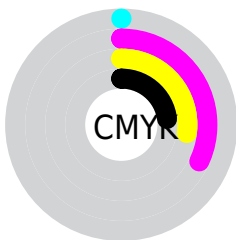
Distribution



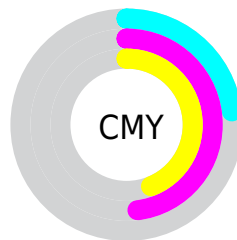
- Red (77%)
- Green (52%)
- Blue (56%)



- Red (77%)
- Yellow (52%)
- Blue (56%)



- Cyan (0%)
- Magenta (32%)
- Yellow (27%)
- Black (23%)





- Cyan (23%)
- Magenta (48%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.6285, 0.3750, 0.3158 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 30.6285, 0.3750, 0.3158 by changing the saturation by 10% instead.


 30.6285, 0.3750,
0.3158


 30.6285, 0.3750,
0.3158


304.8232, 0.3415,
0.3233


 20.3161, 0.3842,
0.3136


 60.6547, 0.3622,
0.3188

 12.6250, 0.3966,
0.3105


 81.1373, 0.3576,
0.3198

 7.1709, 0.4141,
0.3060


 105.7788, 0.3538,
0.3206

 3.5692, 0.4406,
0.2988

134.9636, 0.3505,
0.3214

 1.4356, 0.4851,
0.2855

169.0760, 0.3478,
0.3220

 0.2428, 0.7808,
0.2192


208.5005, 0.3454,

 0.0000, 0.0000,


0.3225


0.0000

253.6214, 0.3433,
0.3229

 30.6285, 0.3750,
0.3158


 30.6285, 0.3750,
0.3158


 25.2650, 0.4042,
0.3117


 37.0810, 0.3511,
0.3200


 20.9263, 0.4389,
0.3083


 44.6734, 0.3317,
0.3242

 17.5479, 0.4788,
0.3061

 53.4587, 0.3161,
0.3281

 15.0565, 0.5216,
0.3059

 63.4855, 0.3035,
0.3317

 13.3680, 0.5634,
0.3084

 74.7993, 0.2933,
0.3350

■ 12.3820, 0.5987,
0.3137

■ 87.4435, 0.2849,
0.3380

■ 11.9667, 0.6188,
0.3182

■ 90.6088, 0.2789,
0.3289

Harmonies

Analogous

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



30.6285, 0.3365, 0.2860



30.6285, 0.3750, 0.3158



30.6285, 0.3959, 0.3500

Triad

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



30.6285, 0.3750, 0.3158



30.6285, 0.3275, 0.4026



30.6285, 0.2380, 0.2714

Complementary

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



30.6285, 0.3750, 0.3158



48.5015, 0.2730, 0.3429

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.



30.6285, 0.2361, 0.2988



30.6285, 0.3750, 0.3158



30.6285, 0.2859, 0.3785

Square

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



30.6285, 0.3750, 0.3158



30.6285, 0.3668, 0.4025



30.6285, 0.2530, 0.3385



30.6285, 0.2582, 0.2606

Rectangle

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



30.6285, 0.3750, 0.3158



30.6285, 0.3964, 0.3720



30.6285, 0.2530, 0.3385



30.6285, 0.2353, 0.2788

Sweetspot

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



30.6300, 0.3750, 0.3158



83.4869, 0.3278, 0.3251



31.2880, 0.3057, 0.2466



17.4115, 0.3302, 0.3245



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.



30.6300, 0.3750, 0.3158



47.8306, 0.3952, 0.3129



36.7845, 0.3777, 0.3575



10.6635, 0.3265, 0.3254



7.8802, 0.6163, 0.3169



0.3819, 0.5646, 0.2884

Inverse Universe

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



30.6300, 0.3750, 0.3158



47.8306, 0.3952, 0.3129



39.9362, 0.2631, 0.2984



10.6635, 0.3265, 0.3254



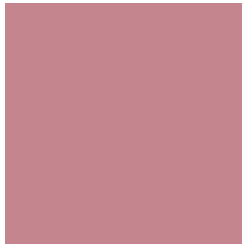
7.8802, 0.6163, 0.3169



0.3819, 0.5646, 0.2884

Previews

White Background



This preview shows how the Yxy color 30.6285, 0.3750, 0.3158 looks on a white background.

Color Contrast Check

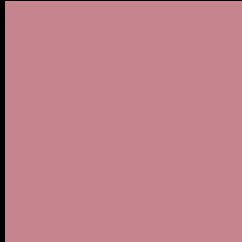
Large Text (above 18pt) WCAG AA × Fail

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 30.6285, 0.3750, 0.3158 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 30.6285, 0.3750, 0.3158

Background



This preview shows how black text looks on a background with the Yxy color 30.6285, 0.3750, 0.3158.



This preview shows how white text looks on a background with the Yxy color 30.6285, 0.3750, 0.3158.

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

30.6285, 0.3750, 0.3158

Protanopia

30.8849, 0.3129, 0.3244

Deuteranopia

30.6089, 0.3425, 0.3350



Tritanopia

30.6285, 0.3750, 0.3158

Trichromacy



Original Color

30.6285, 0.3750, 0.3158

Protanomaly

30.5515, 0.3344, 0.3217

Deuteranomaly

30.5865, 0.3535, 0.3277

Tritanomaly

30.6285, 0.3750, 0.3158

Monochromacy



Original Color

30.6285, 0.3750, 0.3158

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

31.1627, 0.3341, 0.3247

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.6285, 0.3750, 0.3158 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(197, 133, 143)` looks like.

```
.text, #text, p{  
    color:rgb(197, 133, 143)  
}
```

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(197, 133, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 133, 143) }
```

Border

The CSS property to change the border of an element to Yxy 30.6285, 0.3750, 0.3158 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(197, 133, 143) }
```

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

```
.border{ border-color:rgb(197, 133, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 133, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 133, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 133, 143);  
box-shadow:4px 4px 4px 4px rgb(197, 133,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 30.6285, 0.3750, 0.3158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 133, 143) }
```

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

```
.background{ background-color: rgb(197,  
133, 143) }
```

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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