

Converting Colors

$Yxy(31.1852, 0.3748, 0.3187)$

Have a look what the booklet for
Yxy(31.1852, 0.3748, 0.3187)
contains.

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Color

Yxy(31.1814, 0.3743, 0.3185)

Conversions

Conversions Part 1

Format	Color
Hex	C5878F
RGB	197, 135, 143
RGB Percent	77%, 53%, 56%
CMY	0.2275, 0.4705, 0.4392
CMYK	0.00, 0.31, 0.27, 0.23
HSL	352°, 35%, 65%
HSV	352°, 31%, 77%
XYZ	36.6443, 31.1814, 30.0751
YIQ	154.4500, 34.3840, 15.6320

Conversions

Conversions Part 2

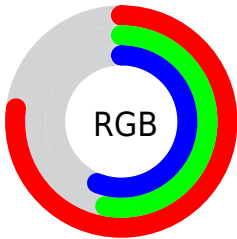
Format	Color
RYB	197, 135, 143
Decimal	12945295
CIELab	62.66, 24.86, 5.37
CIELCh	63, 25.429, 12.194
Yxy	31.1814, 0.3743, 0.3185
Android (android.graphics.Color)	4291135375 (0xFFC5878F)
YUV	154.4500, -5.6448, 37.3164
Hunter-Lab	55.8403, 19.4171, 7.1551

Details

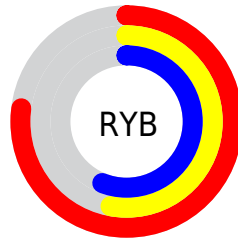
The Yxy color **31.1814, 0.3743, 0.3185** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.7496, 0.2730, 0.3400**, and the grayscale version is **32.5377, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.6864, 0.3616, 0.3208**, and **12.8817, 0.3960, 0.3129** is the 20% darker color. If you saturate the color by 10%, you get **25.7038, 0.4039, 0.3152**, and if you desaturate by 10%, it is **37.7584, 0.3501, 0.3220**.

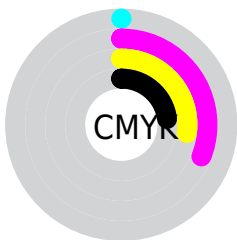
Distribution



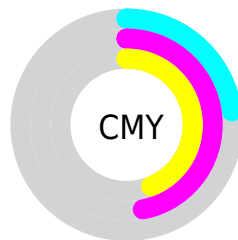
- Red (77%)
- Green (53%)
- Blue (56%)



- Red (77%)
- Yellow (53%)
- Blue (56%)



- Cyan (0%)
- Magenta (31%)
- Yellow (27%)
- Black (23%)





- Cyan (23%)
- Magenta (47%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.1814, 0.3743, 0.3185 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 31.1814, 0.3743, 0.3185 by changing the saturation by 10% instead.


 31.1814, 0.3743,
0.3185


 31.1814, 0.3743,
0.3185

307.3732, 0.3412,
0.3246


 20.7370, 0.3834,
0.3167


 61.5256, 0.3617,
0.3209

 12.9319, 0.3955,
0.3141

 82.1941, 0.3572,
0.3218

 7.3817, 0.4127,
0.3103


 107.0395, 0.3534,
0.3225

 3.7019, 0.4386,
0.3041

136.4462, 0.3502,
0.3230

 1.5083, 0.4819,
0.2925

170.7985, 0.3475,
0.3235

 0.2945, 0.7508,
0.2492

210.4808, 0.3451,

 0.0000, 0.0000,

0.3239

0.0000

255.8776, 0.3430,
0.3243

■ 31.1814, 0.3743,
0.3185

■ 31.1814, 0.3743,
0.3185

■ 25.7038, 0.4039,
0.3152

■ 37.7584, 0.3501,
0.3220

■ 21.2613, 0.4394,
0.3123

■ 45.4857, 0.3305,
0.3254

■ 17.7901, 0.4801,
0.3105


■ 54.4161, 0.3147,
0.3286

■ 15.2170, 0.5240,
0.3103


■ 64.5980, 0.3020,
0.3315

■ 13.4590, 0.5666,
0.3124

■ 76.0773, 0.2917,
0.3342

 12.4168, 0.6023,
0.3169

 88.8972, 0.2834,
0.3366

 11.9397, 0.6243,
0.3213

 90.6077, 0.2789,
0.3289

Harmonies

Analogous

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



31.1814, 0.3382, 0.2893



31.1814, 0.3743, 0.3185



31.1814, 0.3929, 0.3515

Triad

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



31.1814, 0.3743, 0.3185



31.1814, 0.3244, 0.3985



31.1814, 0.2416, 0.2726

Complementary

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



31.1814, 0.3743, 0.3185



48.7496, 0.2730, 0.3400

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.



31.1814, 0.2387, 0.2981



31.1814, 0.3743, 0.3185



31.1814, 0.2847, 0.3741

Square

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



31.1814, 0.3743, 0.3185



31.1814, 0.3625, 0.4001



31.1814, 0.2538, 0.3356



31.1814, 0.2622, 0.2631

Rectangle

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



31.1814, 0.3743, 0.3185



31.1814, 0.3924, 0.3723



31.1814, 0.2538, 0.3356



31.1814, 0.2386, 0.2794

Sweetspot

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



31.1829, 0.3743, 0.3185



85.0001, 0.3265, 0.3261



32.1450, 0.3081, 0.2497



17.7114, 0.3290, 0.3256



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.



31.1829, 0.3743, 0.3185



48.6727, 0.3948, 0.3161



37.9809, 0.3743, 0.3592



10.6588, 0.3270, 0.3260



7.8620, 0.6220, 0.3200



0.3798, 0.5761, 0.2947

Inverse Universe

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



31.1829, 0.3743, 0.3185



48.6727, 0.3948, 0.3161



39.5549, 0.2643, 0.2965



10.6588, 0.3270, 0.3260



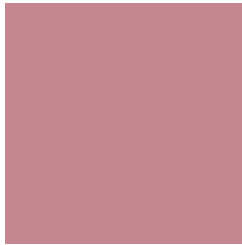
7.8620, 0.6220, 0.3200



0.3798, 0.5761, 0.2947

Previews

White Background



This preview shows how the Yxy color 31.1814, 0.3743, 0.3185 looks on a white background.

Color Contrast Check

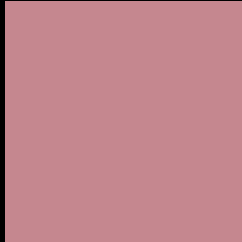
Large Text (above 18pt) WCAG AA × Fail

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 31.1814, 0.3743, 0.3185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

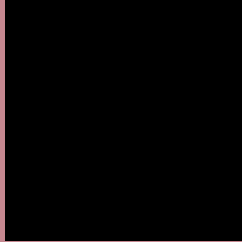
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.1814, 0.3743, 0.3185

Background



This preview shows how black text looks on a background with the Yxy color 31.1814, 0.3743, 0.3185.



This preview shows how white text looks on a background with the Yxy color 31.1814, 0.3743, 0.3185.

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

31.1814, 0.3743, 0.3185

Protanopia

31.2702, 0.3148, 0.3275

Deuteranopia

31.4485, 0.3442, 0.3379



Tritanopia

31.2426, 0.3720, 0.3158

Trichromacy



Original Color

31.1814, 0.3743, 0.3185

Protanomaly

30.9668, 0.3353, 0.3232

Deuteranomaly

31.3012, 0.3541, 0.3305

Tritanomaly

31.2119, 0.3732, 0.3172

Monochromacy



Original Color

31.1814, 0.3743, 0.3185

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

31.6155, 0.3339, 0.3247

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.1814, 0.3743, 0.3185 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, 135, 143)` looks like.

```
.text, #text, p{  
    color:rgb(197, 135, 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, 135, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 135, 143) }
```

Border

The CSS property to change the border of an element to Yxy 31.1814, 0.3743, 0.3185 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, 135, 143) }
```

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

```
.border{ border-color:rgb(197, 135, 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, 135, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 135, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 135, 143);  
box-shadow:4px 4px 4px 4px rgb(197, 135,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 31.1814, 0.3743, 0.3185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 135, 143) }
```

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

```
.background{ background-color: rgb(197,  
135, 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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