

Converting Colors

$Yxy(63.7158, 0.3516, 0.3146)$

Have a look what the booklet for
Yxy(63.7158, 0.3516, 0.3146)
contains.

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Color

Yxy(63.7158, 0.3516, 0.3146)

Conversions

Conversions Part 1

Format	Color
Hex	FEC1CF
RGB	254, 193, 207
RGB Percent	100%, 76%, 81%
CMY	0.0039, 0.2431, 0.1881
CMYK	0.00, 0.24, 0.18, 0.00
HSL	346°, 97%, 88%
HSV	346°, 24%, 100%
XYZ	71.2094, 63.7158, 67.6044
YIQ	212.8350, 31.8620, 17.2860

Conversions

Conversions Part 2

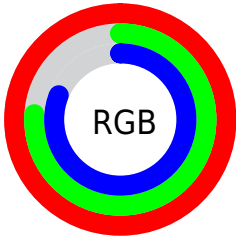
Format	Color
R _Y B	254, 193, 207
Decimal	16695759
CIE Lab	83.82, 23.87, 1.48
CIE LCh	84, 23.916, 3.541
Yxy	63.7158, 0.3516, 0.3146
Android (android.graphics.Color)	4294885839 (0xFFFE C1CF)
YUV	212.8350, -2.8767, 36.1017
Hunter-Lab	79.8222, 19.5511, 5.6606

Details

The Yxy color **63.7158, 0.3516, 0.3146** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.5097, 0.2843, 0.3440**, and the grayscale version is **66.4304, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8512, 0.3129, 0.3242**, and **32.5009, 0.3606, 0.3105** is the 20% darker color. If you saturate the color by 10%, you get **52.5382, 0.3745, 0.3083**, and if you desaturate by 10%, it is **76.9461, 0.3330, 0.3208**.

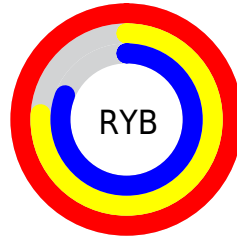
Distribution



Red (100%)

Green (76%)

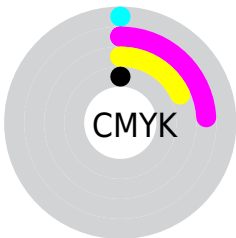
Blue (81%)



Red (100%)

Yellow (76%)

Blue (81%)

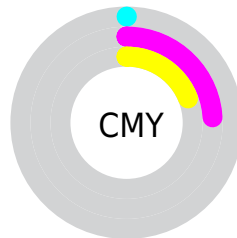


Cyan (0%)

Magenta (24%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.7158, 0.3516, 0.3146 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 63.7158, 0.3516, 0.3146 by changing the saturation by 10% instead.

 63.7158, 0.3516,
0.3146

 63.7158, 0.3516,
0.3146


438.1626, 0.3331,
0.3215

 46.4205, 0.3559,
0.3130


 110.2015, 0.3451,
0.3170

 32.5778, 0.3614,
0.3109

140.1608, 0.3426,
0.3180

 21.8032, 0.3684,
0.3082


175.1102, 0.3404,
0.3188

 13.7124, 0.3777,
0.3047

215.4341, 0.3386,
0.3195

 7.9209, 0.3907,
0.2996

261.5169, 0.3370,
0.3201

 4.0444, 0.4102,
0.2920

313.7429, 0.3355,

 1.6984, 0.4423,

0.3206

0.2792

372.4967, 0.3343,
0.3211

0.4226, 0.5601,
0.2385

0.0000, 0.0000,
0.0000

63.7158, 0.3516,
0.3146

63.7158, 0.3516,
0.3146

52.5382, 0.3745,
0.3083

76.9461, 0.3330,
0.3208

43.3018, 0.4023,
0.3022

92.3160, 0.3179,
0.3267

35.8976, 0.4353,
0.2971

99.8107, 0.3121,
0.3290

30.2024, 0.4728,
0.2939

■ 26.0776, 0.5132,
0.2935

■ 23.3628, 0.5527,
0.2969

■ 21.8625, 0.5868,
0.3043

■ 21.3811, 0.6034,
0.3097

Harmonies

Analogous

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



63.7158, 0.3231, 0.2938



63.7158, 0.3516, 0.3146



63.7158, 0.3696, 0.3395

Triad

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



63.7158, 0.3516, 0.3146



63.7158, 0.3306, 0.3819



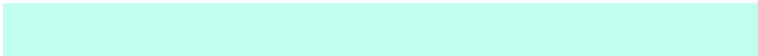
63.7158, 0.2571, 0.2916

Complementary

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



63.7158, 0.3516, 0.3146



88.5097, 0.2843, 0.3440

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.



63.7158, 0.2589, 0.3141



63.7158, 0.3516, 0.3146



63.7158, 0.3004, 0.3684

Square

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



63.7158, 0.3516, 0.3146



63.7158, 0.3568, 0.3793



63.7158, 0.2745, 0.3427



63.7158, 0.2691, 0.2803

Rectangle

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



63.7158, 0.3516, 0.3146



63.7158, 0.3728, 0.3558



63.7158, 0.2745, 0.3427



63.7158, 0.2561, 0.2980

Sweetspot

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



63.7187, 0.3516, 0.3146



88.2817, 0.3221, 0.3250



63.7810, 0.3049, 0.2671



18.6907, 0.3230, 0.3247



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

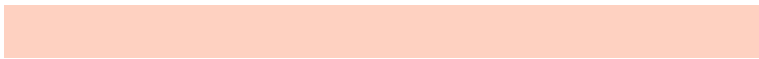
The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.7187, 0.3516, 0.3146



58.4087, 0.3624, 0.3114



70.6536, 0.3592, 0.3459



18.0556, 0.3258, 0.3235



11.2909, 0.5996, 0.3077



1.1152, 0.5686, 0.2906

Inverse Universe

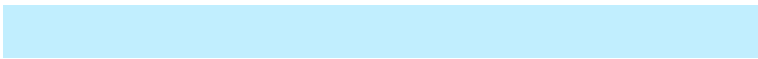
The Inverse Universe completely reimagines the original color for something new.



63.7187, 0.3516, 0.3146



58.4087, 0.3624, 0.3114



79.4874, 0.2757, 0.3114



18.0556, 0.3258, 0.3235



11.2909, 0.5996, 0.3077



1.1152, 0.5686, 0.2906

Previews

White Background



This preview shows how the Yxy color 63.7158, 0.3516, 0.3146 looks on a white background.

Color Contrast Check

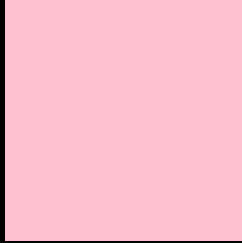
Large Text (above 18pt) WCAG AA × Fail

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 63.7158, 0.3516, 0.3146 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 63.7158, 0.3516, 0.3146

Background



This preview shows how black text looks on a background with the Yxy color 63.7158, 0.3516, 0.3146.



This preview shows how white text looks on a background with the Yxy color 63.7158, 0.3516, 0.3146.

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

63.7158, 0.3516, 0.3146

Protanopia

63.9185, 0.3094, 0.3199

Deuteranopia

63.6378, 0.3332, 0.3258



Tritanopia

63.7648, 0.3508, 0.3136

Trichromacy



Original Color

63.7158, 0.3516, 0.3146

Protanomaly

63.8469, 0.3240, 0.3181

Deuteranomaly

63.6538, 0.3393, 0.3216

Tritanomaly

63.7648, 0.3508, 0.3136

Monochromacy



Original Color

63.7158, 0.3516, 0.3146

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

65.3397, 0.3260, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.7158, 0.3516, 0.3146 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(254, 193, 207)` looks like.

```
.text, #text, p{  
    color:rgb(254, 193, 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(254, 193, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 193, 207) }
```

Border

The CSS property to change the border of an element to Yxy 63.7158, 0.3516, 0.3146 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(254, 193, 207) }
```

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

```
.border{ border-color:rgb(254, 193, 207) }
```

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

Here you see how a box with a 4 pixel rgb(254, 193, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 193, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 193, 207);  
box-shadow:4px 4px 4px 4px rgb(254, 193,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 63.7158, 0.3516, 0.3146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 193, 207) }
```

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

```
.background{ background-color: rgb(254,  
193, 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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