

Converting Colors

Yxy(64.1753, 0.3419, 0.3185)

Have a look what the booklet for
Yxy(64.1753, 0.3419, 0.3185)
contains.

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Color

Yxy(64.1753, 0.3419, 0.3185)

Conversions

Conversions Part 1

Format	Color
Hex	F4C6D0
RGB	244, 198, 208
RGB Percent	96%, 78%, 82%
CMY	0.0431, 0.2235, 0.1843
CMYK	0.00, 0.19, 0.15, 0.04
HSL	347°, 68%, 87%
HSV	347°, 19%, 96%
XYZ	68.8902, 64.1753, 68.4268
YIQ	212.8940, 24.2060, 12.8620

Conversions

Conversions Part 2

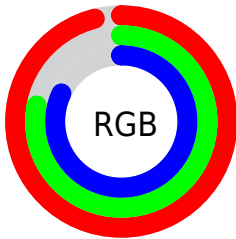
Format	Color
RYB	244, 198, 208
Decimal	16041680
CIELab	84.06, 17.85, 1.20
CIElCh	84, 17.895, 3.848
Yxy	64.1753, 0.3419, 0.3185
Android (android.graphics.Color)	4294231760 (0xFFFF4C6D0)
YUV	212.8940, -2.4127, 27.2800
Hunter-Lab	80.1095, 13.3096, 5.4331

Details

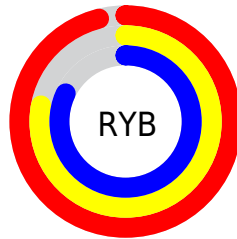
The Yxy color **64.1753, 0.3419, 0.3185** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.6573, 0.2898, 0.3398**, and the grayscale version is **66.4715, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.8444, 0.3486, 0.3154** is the 20% darker color. If you saturate the color by 10%, you get **53.0229, 0.3628, 0.3126**, and if you desaturate by 10%, it is **77.2437, 0.3250, 0.3242**.

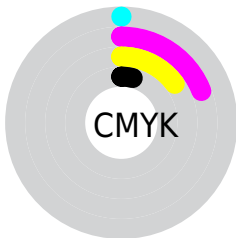
Distribution



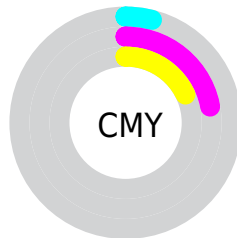
- Red (96%)
- Green (78%)
- Blue (82%)



- Red (96%)
- Yellow (78%)
- Blue (82%)



- Cyan (0%)
- Magenta (19%)
- Yellow (15%)
- Black (4%)





- Cyan (4%)
- Magenta (22%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.1753, 0.3419, 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 64.1753, 0.3419, 0.3185 by changing the saturation by 10% instead.


 64.1753, 0.3419,
0.3185

 64.1753, 0.3419,
0.3185


439.8224, 0.3281,
0.3235

 46.7927, 0.3452,
0.3173

110.8634, 0.3370,
0.3203

 32.8718, 0.3492,
0.3158

140.9376, 0.3352,
0.3210

 22.0282, 0.3544,
0.3139


176.0111, 0.3335,
0.3215

 13.8777, 0.3614,
0.3113

216.4684, 0.3322,
0.3220

 8.0356, 0.3712,
0.3076

262.6937, 0.3309,
0.3225

 4.1177, 0.3858,
0.3021

315.0716, 0.3299,

 1.7396, 0.4100,

0.3229

0.2928

373.9864, 0.3289,
0.3232

0.4491, 0.5025,
0.2616

0.0000, 0.0000,
0.0000

64.1753, 0.3419,
0.3185

64.1753, 0.3419,
0.3185

53.0229, 0.3628,
0.3126

77.2437, 0.3250,
0.3242

43.6878, 0.3884,
0.3067

92.3033, 0.3113,
0.3296

36.0759, 0.4191,
0.3013

97.9756, 0.3060,
0.3290

30.0808, 0.4550,
0.2973

■ 25.5845, 0.4949,
0.2955

■ 22.4526, 0.5358,
0.2969

■ 20.5265, 0.5735,
0.3022

■ 19.5738, 0.6036,
0.3106

■ 19.4926, 0.6065,
0.3115

Harmonies

Analogous

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



64.1753, 0.3209, 0.3025



64.1753, 0.3419, 0.3185



64.1753, 0.3551, 0.3375

Triad

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



64.1753, 0.3419, 0.3185



64.1753, 0.3261, 0.3680



64.1753, 0.2707, 0.3011

Complementary

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



64.1753, 0.3419, 0.3185



82.6573, 0.2898, 0.3398

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.



64.1753, 0.2721, 0.3180



64.1753, 0.3419, 0.3185



64.1753, 0.3035, 0.3579

Square

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



64.1753, 0.3419, 0.3185



64.1753, 0.3456, 0.3667



64.1753, 0.2839, 0.3391



64.1753, 0.2801, 0.2923

Rectangle

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



64.1753, 0.3419, 0.3185



64.1753, 0.3574, 0.3497



64.1753, 0.2839, 0.3391



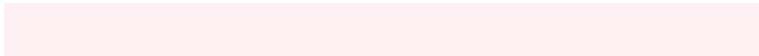
64.1753, 0.2700, 0.3060

Sweetspot

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



64.1782, 0.3419, 0.3185



89.8762, 0.3208, 0.3258



64.2917, 0.3069, 0.2810



19.0118, 0.3217, 0.3254



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

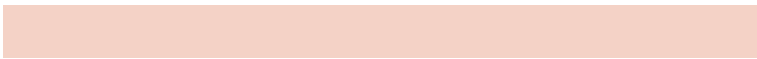
The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.1782, 0.3419, 0.3185



65.5058, 0.3501, 0.3160



69.5401, 0.3474, 0.3421



16.5414, 0.3259, 0.3239



10.6141, 0.6029, 0.3095



0.9475, 0.5689, 0.2908

Inverse Universe

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



64.1782, 0.3419, 0.3185



65.5058, 0.3501, 0.3160



76.1076, 0.2836, 0.3155



16.5414, 0.3259, 0.3239



10.6141, 0.6029, 0.3095



0.9475, 0.5689, 0.2908

Previews

White Background



This preview shows how the Yxy color 64.1753, 0.3419, 0.3185 looks on a white background.

Color Contrast Check

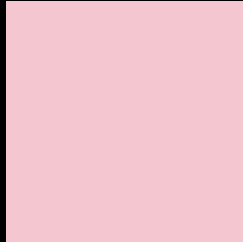
Large Text (above 18pt) WCAG AA × Fail

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 64.1753, 0.3419, 0.3185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

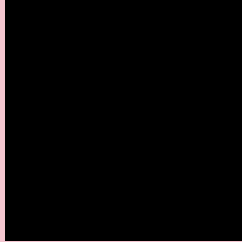
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.1753, 0.3419, 0.3185

Background



This preview shows how black text looks on a background with the Yxy color 64.1753, 0.3419, 0.3185.



This preview shows how white text looks on a background with the Yxy color 64.1753, 0.3419, 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

64.1753, 0.3419, 0.3185

Protanopia

64.4530, 0.3115, 0.3233

Deuteranopia

64.2058, 0.3316, 0.3247



Tritanopia

64.1491, 0.3389, 0.3122

Trichromacy



Original Color

64.1753, 0.3419, 0.3185

Protanomaly

64.2634, 0.3223, 0.3213

Deuteranomaly

64.1111, 0.3358, 0.3226

Tritanomaly

64.0481, 0.3405, 0.3143

Monochromacy



Original Color

64.1753, 0.3419, 0.3185

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

65.6622, 0.3227, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.1753, 0.3419, 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(244, 198, 208)` looks like.

```
.text, #text, p{  
    color:rgb(244, 198, 208)  
}
```

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(244, 198, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 198, 208) }
```

Border

The CSS property to change the border of an element to Yxy 64.1753, 0.3419, 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(244, 198, 208) }
```

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

```
.border{ border-color:rgb(244, 198, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 198, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 198, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 198, 208);  
box-shadow:4px 4px 4px 4px rgb(244, 198,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 64.1753, 0.3419, 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(244, 198, 208) }
```

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

```
.background{ background-color: rgb(244,  
198, 208) }
```

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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