

Converting Colors

Yxy(64.2846, 0.3451, 0.3224)

Have a look what the booklet for
Yxy(64.2846, 0.3451, 0.3224)
contains.

Yxy(64.2084, 0.3450, 0.3217)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(64.2084, 0.3450, 0.3217)

Conversions

Conversions Part 1

Format	Color
Hex	F5C6CD
RGB	245, 198, 205
RGB Percent	96%, 78%, 80%
CMY	0.0394, 0.2234, 0.1961
CMYK	0.00, 0.19, 0.16, 0.04
HSL	351°, 70%, 87%
HSV	351°, 19%, 96%
XYZ	68.8589, 64.2084, 66.5237
YIQ	212.8510, 25.7650, 12.1410

Conversions

Conversions Part 2

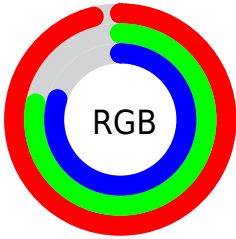
Format	Color
R _Y B	245, 198, 205
Decimal	16107213
CIE Lab	84.07, 17.71, 2.83
CIE LCh	84, 17.937, 9.090
Yxy	64.2084, 0.3450, 0.3217
Android (android.graphics.Color)	4294297293 (0xFFF5C6CD)
YUV	212.8510, -3.8705, 28.1947
Hunter-Lab	80.1301, 13.1641, 6.8688

Details

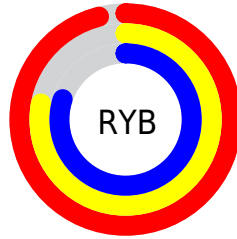
The Yxy color **64.2084, 0.3450, 0.3217** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83.4598, 0.2877, 0.3365**, and the grayscale version is **66.4481, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.8722, 0.3528, 0.3195** is the 20% darker color. If you saturate the color by 10%, you get **52.9615, 0.3680, 0.3176**, and if you desaturate by 10%, it is **77.4063, 0.3265, 0.3256**.

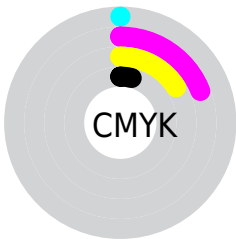
Distribution



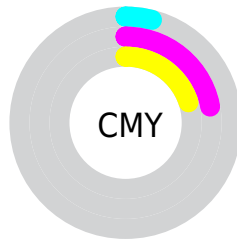
- Red (96%)
- Green (78%)
- Blue (80%)



- Red (96%)
- Yellow (78%)
- Blue (80%)



- Cyan (0%)
- Magenta (19%)
- Yellow (16%)
- Black (4%)



- Cyan (4%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.2084, 0.3450, 0.3217 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 64.2084, 0.3450, 0.3217 by changing the saturation by 10% instead.


 64.2084, 0.3450,
0.3217

 64.2084, 0.3450,
0.3217


439.9418, 0.3297,
0.3253

 46.8195, 0.3486,
0.3208


110.9110, 0.3396,
0.3230

 32.8930, 0.3531,
0.3197


140.9935, 0.3375,
0.3235

 22.0445, 0.3589,
0.3183


176.0760, 0.3357,
0.3239

 13.8896, 0.3667,
0.3164

216.5428, 0.3342,
0.3242

 8.0439, 0.3776,
0.3135

262.7784, 0.3328,
0.3245

 4.1231, 0.3939,
0.3092

315.1672, 0.3317,

 1.7426, 0.4210,

0.3248

0.3016

374.0935, 0.3306,
0.3251

0.4510, 0.5365,
0.2810

0.0000, 0.0000,
0.0000

64.2084, 0.3450,
0.3217

64.2084, 0.3450,
0.3217

52.9615, 0.3680,
0.3176

77.4063, 0.3265,
0.3256

43.5647, 0.3962,
0.3136

92.6324, 0.3116,
0.3293

35.9212, 0.4302,
0.3101

98.1449, 0.3065,
0.3290

29.9219, 0.4698,
0.3076

■ 25.4457, 0.5131,
0.3070

■ 22.3543, 0.5563,
0.3088

■ 20.4846, 0.5939,
0.3135

■ 19.5907, 0.6208,
0.3199

■ 19.5350, 0.6227,
0.3204

Harmonies

Analogous

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



64.2084, 0.3249, 0.3049



64.2084, 0.3450, 0.3217



64.2084, 0.3563, 0.3408

Triad

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



64.2084, 0.3450, 0.3217



64.2084, 0.3222, 0.3672



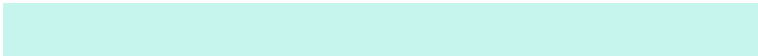
64.2084, 0.2715, 0.2988

Complementary

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



64.2084, 0.3450, 0.3217



83.4598, 0.2877, 0.3365

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.



64.2084, 0.2710, 0.3146



64.2084, 0.3450, 0.3217



64.2084, 0.2997, 0.3551

Square

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



64.2084, 0.3450, 0.3217



64.2084, 0.3428, 0.3678



64.2084, 0.2811, 0.3354



64.2084, 0.2827, 0.2916

Rectangle

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



64.2084, 0.3450, 0.3217



64.2084, 0.3572, 0.3527



64.2084, 0.2811, 0.3354



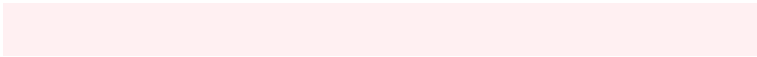
64.2084, 0.2701, 0.3032

Sweetspot

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



64.2113, 0.3450, 0.3217



89.8130, 0.3214, 0.3268



65.1513, 0.3097, 0.2806



18.9969, 0.3225, 0.3266



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.



64.2113, 0.3450, 0.3217



65.3093, 0.3534, 0.3201



71.8043, 0.3473, 0.3464



16.5227, 0.3270, 0.3255



10.5403, 0.6197, 0.3188



0.9383, 0.5898, 0.3023

Inverse Universe

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



64.2113, 0.3450, 0.3217



65.3093, 0.3534, 0.3201



74.3779, 0.2829, 0.3110



16.5227, 0.3270, 0.3255



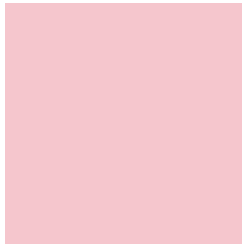
10.5403, 0.6197, 0.3188



0.9383, 0.5898, 0.3023

Previews

White Background



This preview shows how the Yxy color 64.2084, 0.3450, 0.3217 looks on a white background.

Color Contrast Check

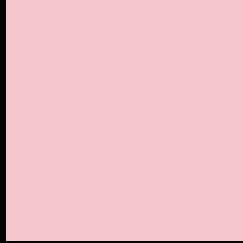
Large Text (above 18pt) WCAG AA × Fail

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 64.2084, 0.3450, 0.3217 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 64.2084, 0.3450, 0.3217

Background



This preview shows how black text looks on a background with the Yxy color 64.2084, 0.3450, 0.3217.



This preview shows how white text looks on a background with the Yxy color 64.2084, 0.3450, 0.3217.

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

64.2084, 0.3450, 0.3217

Protanopia

64.4502, 0.3143, 0.3267

Deuteranopia

64.2273, 0.3346, 0.3280



Tritanopia

64.2788, 0.3405, 0.3133

Trichromacy



Original Color

64.2084, 0.3450, 0.3217

Protanomaly

64.2736, 0.3252, 0.3246

Deuteranomaly

64.1374, 0.3389, 0.3258

Tritanomaly

64.1288, 0.3429, 0.3165

Monochromacy



Original Color

64.2084, 0.3450, 0.3217

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

65.7724, 0.3242, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.2084, 0.3450, 0.3217 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(245, 198, 205)` looks like.

```
.text, #text, p{  
    color:rgb(245, 198, 205)  
}
```

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(245, 198, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 198, 205) }
```

Border

The CSS property to change the border of an element to Yxy 64.2084, 0.3450, 0.3217 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(245, 198, 205) }
```

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

```
.border{ border-color:rgb(245, 198, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 198, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 198, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 198, 205);  
box-shadow:4px 4px 4px 4px rgb(245, 198,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 64.2084, 0.3450, 0.3217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 198, 205) }
```

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

```
.background{ background-color: rgb(245,  
198, 205) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor