

Converting Colors

$Y_{xy}(64.1700, 0.3250, 0.2919)$

Have a look what the booklet for
Yxy(64.1700, 0.3250, 0.2919)
contains.

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Color

Yxy(64.2122, 0.3254, 0.2918)

Conversions

Conversions Part 1

Format	Color
Hex	F5C3E7
RGB	245, 195, 231
RGB Percent	96%, 76%, 91%
CMY	0.0391, 0.2353, 0.0940
CMYK	0.00, 0.20, 0.06, 0.04
HSL	317°, 72%, 86%
HSV	317°, 20%, 96%
XYZ	71.6061, 64.2122, 84.2373
YIQ	214.0540, 18.2440, 21.7960

Conversions

Conversions Part 2

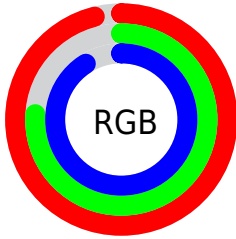
Format	Color
R _Y B	245, 195, 231
Decimal	16106471
CIE Lab	84.08, 23.60, -11.06
CIE LCh	84, 26.060, 334.894
Yxy	64.2122, 0.3254, 0.2918
Android (android.graphics.Color)	4294296551 (0xFFFF5C3E7)
YUV	214.0540, 8.3544, 27.1396
Hunter-Lab	80.1325, 19.2749, -6.2343

Details

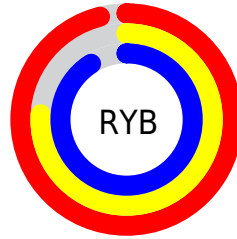
The Yxy color **64.2122, 0.3254, 0.2918** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **81.5298, 0.3020, 0.3693**, and the grayscale version is **67.2207, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1008, 0.3128, 0.3261**, and **32.8363, 0.3284, 0.2837** is the 20% darker color. If you saturate the color by 10%, you get **53.7414, 0.3332, 0.2729**, and if you desaturate by 10%, it is **76.5056, 0.3187, 0.3104**.

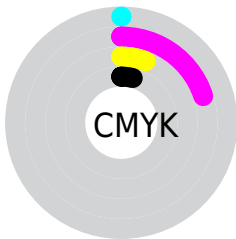
Distribution



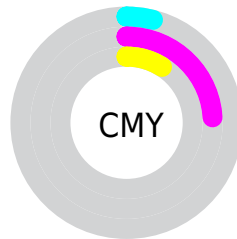
- Red (96%)
- Green (76%)
- Blue (91%)



- Red (96%)
- Yellow (76%)
- Blue (91%)



- Cyan (0%)
- Magenta (20%)
- Yellow (6%)
- Black (4%)





- Cyan (4%)
- Magenta (24%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.2122, 0.3254, 0.2918 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 64.2122, 0.3254, 0.2918 by changing the saturation by 10% instead.

 64.2122, 0.3254,
0.2918

 64.2122, 0.3254,
0.2918


439.9555, 0.3197,
0.3089

 46.8226, 0.3267,
0.2879


 110.9165, 0.3234,
0.2977

 32.8954, 0.3282,
0.2832


140.9999, 0.3227,
0.3000

 22.0463, 0.3302,
0.2772


176.0834, 0.3220,
0.3020

 13.8909, 0.3327,
0.2695

216.5514, 0.3214,
0.3037

 8.0449, 0.3361,
0.2590

262.7881, 0.3209,
0.3052

 4.1237, 0.3408,
0.2442

315.1782, 0.3204,

 1.7430, 0.3477,


0.3066


0.2215


374.1058, 0.3200,
0.3078

 0.4513, 0.3675,
0.1633


 0.0000, 0.0000,
0.0000


 64.2122, 0.3254,
0.2918


 64.2122, 0.3254,
0.2918


 53.7414, 0.3332,
0.2729


 76.5056, 0.3187,
0.3104


 44.9966, 0.3421,
0.2544

 90.6949, 0.3129,
0.3283

 37.8854, 0.3521,
0.2372

 97.9419, 0.3085,
0.3323

 32.3031, 0.3630,
0.2222

 98.1587, 0.3066,
0.3290

■ 28.1331, 0.3746,
0.2105

■ 25.2416, 0.3864,
0.2032

■ 23.4689, 0.3981,
0.2008

■ 22.5702, 0.4090,
0.2027

Harmonies

Analogous

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



64.2122, 0.2925, 0.2779



64.2122, 0.3254, 0.2918



64.2122, 0.3562, 0.3145

Triad

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



64.2122, 0.3254, 0.2918



64.2122, 0.3595, 0.3841



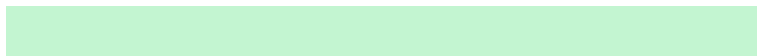
64.2122, 0.2541, 0.3113

Complementary

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



64.2122, 0.3254, 0.2918



81.5298, 0.3020, 0.3693

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.



64.2122, 0.2702, 0.3424



64.2122, 0.3254, 0.2918



64.2122, 0.3305, 0.3865

Square

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



64.2122, 0.3254, 0.2918



64.2122, 0.3762, 0.3669



64.2122, 0.2979, 0.3710



64.2122, 0.2527, 0.2875

Rectangle

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



64.2122, 0.3254, 0.2918



64.2122, 0.3706, 0.3323



64.2122, 0.2979, 0.3710



64.2122, 0.2579, 0.3213

Sweetspot

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



64.2150, 0.3254, 0.2918



90.3508, 0.3160, 0.3184



59.0788, 0.2879, 0.2739



19.1239, 0.3164, 0.3172



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.



64.2150, 0.3254, 0.2918



64.7540, 0.3289, 0.2831



62.9330, 0.3443, 0.3167



16.6845, 0.3181, 0.3121



12.1800, 0.4072, 0.2017



1.0880, 0.3938, 0.1943

Inverse Universe

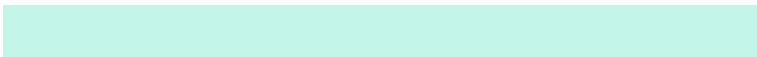
The Inverse Universe completely reimagines the original color for something new.



64.2150, 0.3254, 0.2918



64.7540, 0.3289, 0.2831



82.8300, 0.2885, 0.3417



16.6845, 0.3181, 0.3121



12.1800, 0.4072, 0.2017



1.0880, 0.3938, 0.1943

Previews

White Background



This preview shows how the Yxy color 64.2122, 0.3254, 0.2918 looks on a white background.

Color Contrast Check

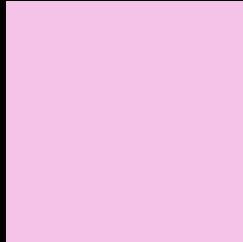
Large Text (above 18pt) WCAG AA × Fail

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 64.2122, 0.3254, 0.2918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

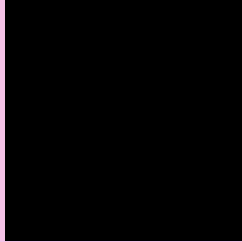
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.2122, 0.3254, 0.2918

Background



This preview shows how black text looks on a background with the Yxy color 64.2122, 0.3254, 0.2918.



This preview shows how white text looks on a background with the Yxy color 64.2122, 0.3254, 0.2918.

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

64.2122, 0.3254, 0.2918

Protanopia

64.3822, 0.2893, 0.2935

Deuteranopia

64.2150, 0.3080, 0.3017



Tritanopia

64.2469, 0.3372, 0.3132

Trichromacy



Original Color

64.2122, 0.3254, 0.2918



Protanomaly

64.0419, 0.3018, 0.2922



Deuteranomaly

64.3095, 0.3142, 0.2980



Tritanomaly

64.3329, 0.3327, 0.3050

Monochromacy



Original Color

64.2122, 0.3254, 0.2918



Achromatopsia

67.2443, 0.3127, 0.3290



Achromatomaly

65.8005, 0.3171, 0.3148

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.2122, 0.3254, 0.2918 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, 195, 231)` looks like.

```
.text, #text, p{  
    color:rgb(245, 195, 231)  
}
```

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, 195, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 195, 231) }
```

Border

The CSS property to change the border of an element to Yxy 64.2122, 0.3254, 0.2918 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, 195, 231) }
```

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

```
.border{ border-color:rgb(245, 195, 231) }
```

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

Here you see how a box with a 4 pixel rgb(245, 195, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 195, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 195, 231);  
box-shadow:4px 4px 4px 4px rgb(245, 195,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 64.2122, 0.3254, 0.2918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 195, 231) }
```

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

```
.background{ background-color: rgb(245,  
195, 231) }
```

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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