

Converting Colors

Yxy(64.7771, 0.3263, 0.2968)

Have a look what the booklet for
Yxy(64.7771, 0.3263, 0.2968)
contains.

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Color

Yxy(64.7670, 0.3267, 0.2968)

Conversions

Conversions Part 1

Format	Color
Hex	F4C5E4
RGB	244, 197, 228
RGB Percent	96%, 77%, 89%
CMY	0.0430, 0.2275, 0.1058
CMYK	0.00, 0.19, 0.07, 0.04
HSL	320°, 68%, 86%
HSV	320°, 19%, 96%
XYZ	71.2917, 64.7670, 82.1589
YIQ	214.5870, 18.0610, 19.6050

Conversions

Conversions Part 2

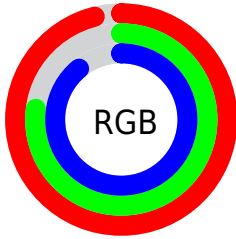
Format	Color
R_{YB}	244, 197, 228
Decimal	16041444
CIE _{Lab}	84.36, 21.69, -9.04
CIE _{LCh}	84, 23.500, 337.379
Yxy	64.7670, 0.3267, 0.2968
Android (android.graphics.Color)	4294231524 (0xFFFF4C5E4)
YUV	214.5870, 6.6126, 25.7952
Hunter-Lab	80.4779, 17.2885, -4.1939

Details

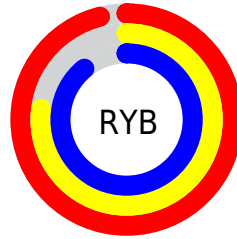
The Yxy color **64.7670, 0.3267, 0.2968** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **81.4010, 0.3010, 0.3635**, and the grayscale version is **67.6112, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3636, 0.3128, 0.3281**, and **33.2268, 0.3291, 0.2888** is the 20% darker color. If you saturate the color by 10%, you get **54.1201, 0.3359, 0.2794**, and if you desaturate by 10%, it is **77.2357, 0.3189, 0.3139**.

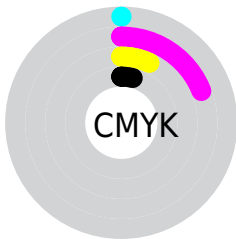
Distribution



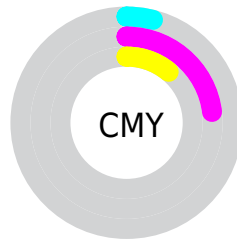
- Red (96%)
- Green (77%)
- Blue (89%)



- Red (96%)
- Yellow (77%)
- Blue (89%)



- Cyan (0%)
- Magenta (19%)
- Yellow (7%)
- Black (4%)





- Cyan (4%)
- Magenta (23%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.7670, 0.3267, 0.2968 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 64.7670, 0.3267, 0.2968 by changing the saturation by 10% instead.


 64.7670, 0.3267,
0.2968

 64.7670, 0.3267,
0.2968


441.9542, 0.3203,
0.3116

 47.2722, 0.3282,
0.2934


111.7148, 0.3245,
0.3019

 33.2509, 0.3299,
0.2893


141.9366, 0.3236,
0.3039

 22.3187, 0.3322,
0.2841


177.1695, 0.3229,
0.3056

 14.0913, 0.3351,
0.2773

217.7978, 0.3222,
0.3071

 8.1842, 0.3391,
0.2681

264.2061, 0.3217,
0.3085

 4.2130, 0.3447,
0.2549


316.7786, 0.3211,

 1.7934, 0.3533,


0.3096


0.2347


375.8999, 0.3207,
0.3107


 0.4831, 0.3761,
0.1822

 0.0000, 0.0000,
0.0000


 64.7670, 0.3267,
0.2968


 64.7670, 0.3267,
0.2968


 54.1201, 0.3359,
0.2794


 77.2357, 0.3189,
0.3139


 45.2000, 0.3465,
0.2621

 91.5984, 0.3123,
0.3301

 37.9159, 0.3586,
0.2459

 97.8497, 0.3071,
0.3310

 32.1653, 0.3721,
0.2317

 97.9811, 0.3060,
0.3290

■ 27.8340, 0.3866,
0.2207

■ 24.7917, 0.4016,
0.2139

■ 22.8839, 0.4167,
0.2122

■ 21.8720, 0.4314,
0.2153

■ 21.8129, 0.4325,
0.2156

Harmonies

Analogous

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



64.7670, 0.2969, 0.2834



64.7670, 0.3267, 0.2968



64.7670, 0.3537, 0.3179

Triad

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



64.7670, 0.3267, 0.2968



64.7670, 0.3531, 0.3793



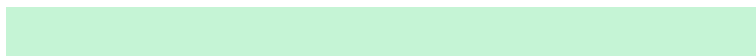
64.7670, 0.2591, 0.3112

Complementary

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



64.7670, 0.3267, 0.2968



81.4010, 0.3010, 0.3635

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.



64.7670, 0.2727, 0.3388



64.7670, 0.3267, 0.2968



64.7670, 0.3265, 0.3799

Square

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



64.7670, 0.3267, 0.2968



64.7670, 0.3691, 0.3650



64.7670, 0.2971, 0.3648



64.7670, 0.2590, 0.2904

Rectangle

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



64.7670, 0.3267, 0.2968



64.7670, 0.3659, 0.3342



64.7670, 0.2971, 0.3648



64.7670, 0.2622, 0.3200

Sweetspot

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



64.7699, 0.3267, 0.2968



90.2927, 0.3166, 0.3193



60.5575, 0.2917, 0.2776



19.1102, 0.3170, 0.3182



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.



64.7699, 0.3267, 0.2968



66.8980, 0.3300, 0.2903



63.5666, 0.3446, 0.3208



16.6668, 0.3190, 0.3135



11.8824, 0.4302, 0.2144



1.0635, 0.4129, 0.2049

Inverse Universe

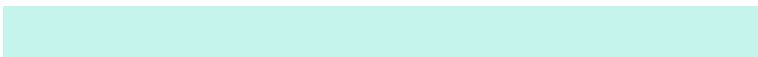
The Inverse Universe completely reimagines the original color for something new.



64.7699, 0.3267, 0.2968



66.8980, 0.3300, 0.2903



82.6644, 0.2880, 0.3375



16.6668, 0.3190, 0.3135



11.8824, 0.4302, 0.2144



1.0635, 0.4129, 0.2049

Previews

White Background



This preview shows how the Yxy color 64.7670, 0.3267, 0.2968 looks on a white background.

Color Contrast Check

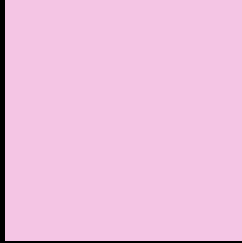
Large Text (above 18pt) WCAG AA × Fail

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 64.7670, 0.3267, 0.2968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

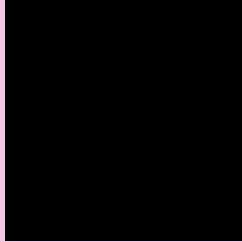
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.7670, 0.3267, 0.2968

Background



This preview shows how black text looks on a background with the Yxy color 64.7670, 0.3267, 0.2968.



This preview shows how white text looks on a background with the Yxy color 64.7670, 0.3267, 0.2968.

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

64.7670, 0.3267, 0.2968

Protanopia

64.9225, 0.2933, 0.2990

Deuteranopia

65.0560, 0.3116, 0.3051



Tritanopia

64.6304, 0.3347, 0.3121

Trichromacy



Original Color

64.7670, 0.3267, 0.2968

Protanomaly

64.7615, 0.3045, 0.2985

Deuteranomaly

64.7760, 0.3170, 0.3023

Tritanomaly

64.6102, 0.3318, 0.3060

Monochromacy



Original Color

64.7670, 0.3267, 0.2968

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

66.4478, 0.3178, 0.3160

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.7670, 0.3267, 0.2968 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, 197, 228)` looks like.

```
.text, #text, p{  
    color:rgb(244, 197, 228)  
}
```

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, 197, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 197, 228) }
```

Border

The CSS property to change the border of an element to Yxy 64.7670, 0.3267, 0.2968 is called "border". The border property can be set on classes, ids or directly on the HTML element.

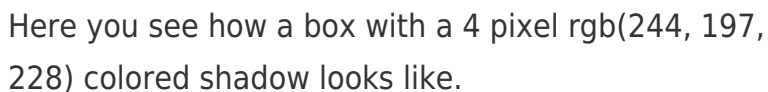
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(244, 197, 228) }
```

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

```
.border{ border-color:rgb(244, 197, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(244, 197, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 197, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 197, 228);  
box-shadow:4px 4px 4px 4px rgb(244, 197,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 64.7670, 0.3267, 0.2968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 197, 228) }
```

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

```
.background{ background-color: rgb(244,  
197, 228) }
```

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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