

Converting Colors

Yxy(64.6449, 0.3335, 0.3040)

Have a look what the booklet for
Yxy(64.6449, 0.3335, 0.3040)
contains.

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Color

Yxy(64.7458, 0.3336, 0.3041)

Conversions

Conversions Part 1

Format	Color
Hex	F6C5DD
RGB	246, 197, 221
RGB Percent	96%, 77%, 87%
CMY	0.0352, 0.2275, 0.1335
CMYK	0.00, 0.20, 0.10, 0.04
HSL	331°, 73%, 87%
HSV	331°, 20%, 96%
XYZ	71.0266, 64.7458, 77.1371
YIQ	214.3870, 21.5000, 17.8520

Conversions

Conversions Part 2

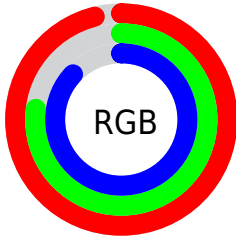
Format	Color
R _Y B	246, 197, 221
Decimal	16172509
CIE Lab	84.35, 21.18, -5.27
CIE LCh	84, 21.822, 346.025
Yxy	64.7458, 0.3336, 0.3041
Android (android.graphics.Color)	4294362589 (0xFFF6C5DD)
YUV	214.3870, 3.2602, 27.7246
Hunter-Lab	80.4648, 16.7494, -0.5127

Details

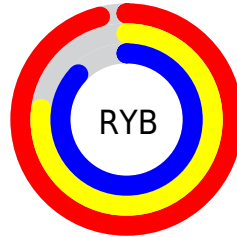
The Yxy color **64.7458, 0.3336, 0.3041** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83.0752, 0.2959, 0.3553**, and the grayscale version is **67.4882, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3636, 0.3128, 0.3281**, and **33.2169, 0.3383, 0.2982** is the 20% darker color. If you saturate the color by 10%, you get **53.8274, 0.3474, 0.2909**, and if you desaturate by 10%, it is **77.5434, 0.3221, 0.3169**.

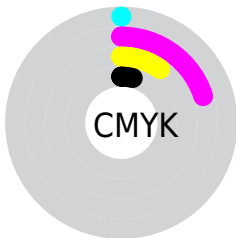
Distribution



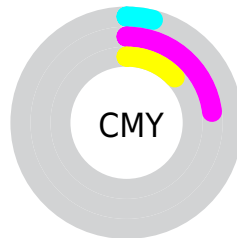
- Red (96%)
- Green (77%)
- Blue (87%)



- Red (96%)
- Yellow (77%)
- Blue (87%)



- Cyan (0%)
- Magenta (20%)
- Yellow (10%)
- Black (4%)




- Cyan (4%)
- Magenta (23%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.7458, 0.3336, 0.3041 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 64.7458, 0.3336, 0.3041 by changing the saturation by 10% instead.


 64.7458, 0.3336,
0.3041

 64.7458, 0.3336,
0.3041

441.8779, 0.3238,
0.3156

 47.2550, 0.3359,
0.3015

111.6843, 0.3302,
0.3081

 33.2373, 0.3387,
0.2982


141.9008, 0.3289,
0.3097

 22.3083, 0.3422,
0.2940


177.1280, 0.3277,
0.3110

 14.0836, 0.3469,
0.2886

217.7502, 0.3268,
0.3122

 8.1788, 0.3534,
0.2812

264.1520, 0.3259,
0.3132

 4.2096, 0.3629,
0.2705


316.7176, 0.3251,

 1.7915, 0.3781,


0.3141

0.2536

375.8314, 0.3245,
0.3149

 0.4819, 0.4167,
0.2044


 0.0000, 0.0000,
0.0000


 64.7458, 0.3336,
0.3041


 64.7458, 0.3336,
0.3041

 53.8274, 0.3474,
0.2909


 77.5434, 0.3221,
0.3169

 44.6902, 0.3638,
0.2778

 92.2949, 0.3127,
0.3291

 37.2402, 0.3829,
0.2656

 98.3377, 0.3072,
0.3290

 31.3713, 0.4048,
0.2552

■ 26.9652, 0.4289,
0.2480

■ 23.8869, 0.4544,
0.2451

■ 21.9755, 0.4800,
0.2477

■ 20.9666, 0.5043,
0.2552

■ 20.9605, 0.5045,
0.2553

Harmonies

Analogous

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



64.7458, 0.3059, 0.2891



64.7458, 0.3336, 0.3041



64.7458, 0.3563, 0.3252

Triad

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



64.7458, 0.3336, 0.3041



64.7458, 0.3439, 0.3773



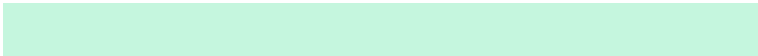
64.7458, 0.2614, 0.3061

Complementary

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



64.7458, 0.3336, 0.3041



83.0752, 0.2959, 0.3553

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.



64.7458, 0.2706, 0.3305



64.7458, 0.3336, 0.3041



64.7458, 0.3177, 0.3734

Square

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



64.7458, 0.3336, 0.3041



64.7458, 0.3622, 0.3674



64.7458, 0.2910, 0.3559



64.7458, 0.2651, 0.2894

Rectangle

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



64.7458, 0.3336, 0.3041



64.7458, 0.3650, 0.3406



64.7458, 0.2910, 0.3559



64.7458, 0.2631, 0.3136

Sweetspot

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



64.7487, 0.3336, 0.3041



90.1302, 0.3182, 0.3218



62.0405, 0.2968, 0.2766



19.0717, 0.3188, 0.3210



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.



64.7487, 0.3336, 0.3041



65.1212, 0.3390, 0.2987



63.5611, 0.3524, 0.3291



16.6176, 0.3217, 0.3175



11.2133, 0.5008, 0.2532



1.0062, 0.4722, 0.2375

Inverse Universe

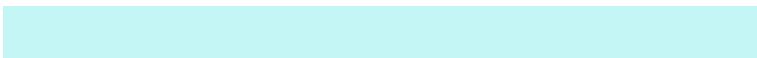
The Inverse Universe completely reimagines the original color for something new.



64.7487, 0.3336, 0.3041



65.1212, 0.3390, 0.2987



84.4536, 0.2829, 0.3289



16.6176, 0.3217, 0.3175



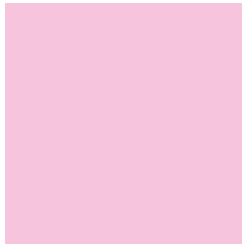
11.2133, 0.5008, 0.2532



1.0062, 0.4722, 0.2375

Previews

White Background



This preview shows how the Yxy color 64.7458, 0.3336, 0.3041 looks on a white background.

Color Contrast Check

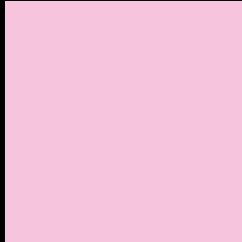
Large Text (above 18pt) WCAG AA × Fail

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 64.7458, 0.3336, 0.3041 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 64.7458, 0.3336, 0.3041

Background



This preview shows how black text looks on a background with the Yxy color 64.7458, 0.3336, 0.3041.

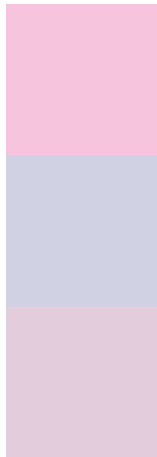


This preview shows how white text looks on a background with the Yxy color 64.7458, 0.3336, 0.3041.

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

64.7458, 0.3336, 0.3041

Protanopia

64.7577, 0.2999, 0.3077

Deuteranopia

64.6839, 0.3189, 0.3116



Tritanopia

64.6557, 0.3380, 0.3123

Trichromacy



Original Color

64.7458, 0.3336, 0.3041

Protanomaly

64.6285, 0.3115, 0.3071

Deuteranomaly

64.4330, 0.3245, 0.3087

Tritanomaly

64.8104, 0.3357, 0.3092

Monochromacy



Original Color

64.7458, 0.3336, 0.3041

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

66.2903, 0.3199, 0.3192

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.7458, 0.3336, 0.3041 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(246, 197, 221)` looks like.

```
.text, #text, p{  
    color:rgb(246, 197, 221)  
}
```

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(246, 197, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 197, 221) }
```

Border

The CSS property to change the border of an element to Yxy 64.7458, 0.3336, 0.3041 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(246, 197, 221) }
```

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

```
.border{ border-color:rgb(246, 197, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 197, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 197, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 197, 221);  
box-shadow:4px 4px 4px 4px rgb(246, 197,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 64.7458, 0.3336, 0.3041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 197, 221) }
```

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

```
.background{ background-color: rgb(246,  
197, 221) }
```

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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