

Converting Colors

$Y_{xy}(65.2782, 0.3275, 0.2976)$

Have a look what the booklet for
Yxy(65.2782, 0.3275, 0.2976)
contains.

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Color

Yxy(65.4021, 0.3274, 0.2980)

Conversions

Conversions Part 1

Format	Color
Hex	F5C6E4
RGB	245, 198, 228
RGB Percent	96%, 78%, 89%
CMY	0.0392, 0.2235, 0.1060
CMYK	0.00, 0.19, 0.07, 0.04
HSL	322°, 70%, 87%
HSV	322°, 19%, 96%
XYZ	71.8545, 65.4021, 82.2135
YIQ	215.4730, 18.3820, 19.2940

Conversions

Conversions Part 2

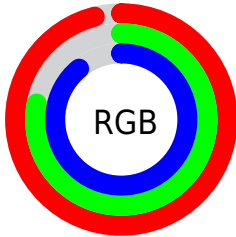
Format	Color
R _Y B	245, 198, 228
Decimal	16107236
CIE Lab	84.69, 21.48, -8.52
CIE LCh	85, 23.102, 338.370
Yxy	65.4021, 0.3274, 0.2980
Android (android.graphics.Color)	4294297316 (0xFFFF5C6E4)
YUV	215.4730, 6.1758, 25.8952
Hunter-Lab	80.8716, 17.0723, -3.6637

Details

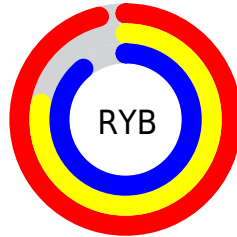
The Yxy color **65.4021, 0.3274, 0.2980** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **82.2300, 0.3005, 0.3622**, and the grayscale version is **68.2421, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.6550, 0.3300, 0.2903** is the 20% darker color. If you saturate the color by 10%, you get **54.6145, 0.3371, 0.2811**, and if you desaturate by 10%, it is **78.0326, 0.3191, 0.3145**.

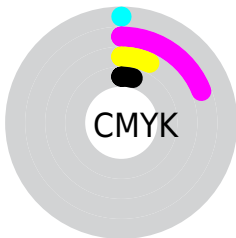
Distribution



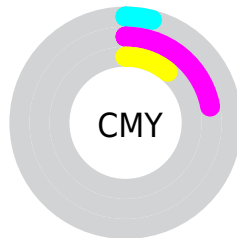
- Red (96%)
- Green (78%)
- Blue (89%)



- Red (96%)
- Yellow (78%)
- Blue (89%)



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




- Cyan (4%)
- Magenta (22%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.4021, 0.3274, 0.2980 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 65.4021, 0.3274, 0.2980 by changing the saturation by 10% instead.


 65.4021, 0.3274,
0.2980

 65.4021, 0.3274,
0.2980


444.2355, 0.3207,
0.3122

 47.7872, 0.3289,
0.2948


112.6278, 0.3251,
0.3029

 33.6584, 0.3308,
0.2908


143.0073, 0.3242,
0.3048

 22.6313, 0.3332,
0.2858


178.4105, 0.3234,
0.3065

 14.3215, 0.3363,
0.2792

219.2218, 0.3227,
0.3079

 8.3446, 0.3405,
0.2704

265.8256, 0.3221,
0.3092

 4.3162, 0.3465,
0.2578


318.6062, 0.3216,

 1.8520, 0.3557,


0.3103


0.2383


377.9480, 0.3211,
0.3113


 0.5193, 0.3782,
0.1906


 0.0000, 0.0000,
0.0000

 65.4021, 0.3274,
0.2980


 65.4021, 0.3274,
0.2980


 54.6145, 0.3371,
0.2811

 78.0326, 0.3191,
0.3145


 45.5737, 0.3485,
0.2644

 92.5788, 0.3122,
0.3302

 38.1881, 0.3614,
0.2486

 98.1311, 0.3068,
0.3293

 32.3543, 0.3758,
0.2348

 98.1555, 0.3066,
0.3290

■ 27.9570, 0.3915,
0.2242

■ 24.8647, 0.4078,
0.2178

■ 22.9216, 0.4242,
0.2165

■ 21.8897, 0.4401,
0.2202

■ 21.8219, 0.4414,
0.2206

Harmonies

Analogous

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



65.4021, 0.2982, 0.2846



65.4021, 0.3274, 0.2980



65.4021, 0.3536, 0.3189

Triad

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



65.4021, 0.3274, 0.2980



65.4021, 0.3515, 0.3786



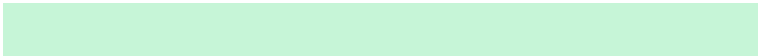
65.4021, 0.2599, 0.3108

Complementary

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



65.4021, 0.3274, 0.2980



82.2300, 0.3005, 0.3622

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.



65.4021, 0.2729, 0.3377



65.4021, 0.3274, 0.2980



65.4021, 0.3253, 0.3785

Square

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



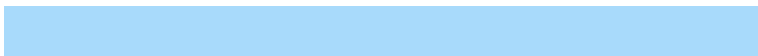
65.4021, 0.3274, 0.2980



65.4021, 0.3677, 0.3649



65.4021, 0.2965, 0.3633



65.4021, 0.2603, 0.2906

Rectangle

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



65.4021, 0.3274, 0.2980



65.4021, 0.3652, 0.3350



65.4021, 0.2965, 0.3633



65.4021, 0.2628, 0.3193

Sweetspot

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



65.4050, 0.3274, 0.2980



90.2715, 0.3168, 0.3196



61.3484, 0.2924, 0.2779



19.1052, 0.3173, 0.3186



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.



65.4050, 0.3274, 0.2980



66.8232, 0.3310, 0.2915



64.2156, 0.3450, 0.3216



16.6604, 0.3194, 0.3140



11.7816, 0.4390, 0.2192



1.0552, 0.4202, 0.2089

Inverse Universe

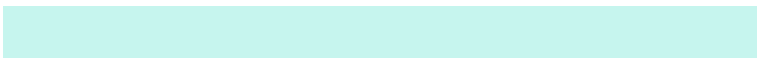
The Inverse Universe completely reimagines the original color for something new.



65.4050, 0.3274, 0.2980



66.8232, 0.3310, 0.2915



83.4921, 0.2877, 0.3366



16.6604, 0.3194, 0.3140



11.7816, 0.4390, 0.2192



1.0552, 0.4202, 0.2089

Previews

White Background



This preview shows how the Yxy color 65.4021, 0.3274, 0.2980 looks on a white background.

Color Contrast Check

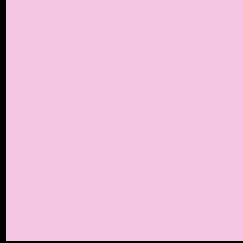
Large Text (above 18pt) WCAG AA × Fail

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 65.4021, 0.3274, 0.2980 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 65.4021, 0.3274, 0.2980

Background



This preview shows how black text looks on a background with the Yxy color 65.4021, 0.3274, 0.2980.



This preview shows how white text looks on a background with the Yxy color 65.4021, 0.3274, 0.2980.

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

65.4021, 0.3274, 0.2980

Protanopia

65.5592, 0.2940, 0.3002

Deuteranopia

65.6962, 0.3123, 0.3063



Tritanopia

65.3211, 0.3346, 0.3122

Trichromacy



Original Color

65.4021, 0.3274, 0.2980

Protanomaly

65.3980, 0.3052, 0.2997

Deuteranomaly

65.4137, 0.3177, 0.3034

Tritanomaly

65.2473, 0.3325, 0.3071

Monochromacy



Original Color

65.4021, 0.3274, 0.2980

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

66.9370, 0.3178, 0.3171

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.4021, 0.3274, 0.2980 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, 228)` looks like.

```
.text, #text, p{  
    color:rgb(245, 198, 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(245, 198, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 198, 228) }
```

Border

The CSS property to change the border of an element to Yxy 65.4021, 0.3274, 0.2980 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, 228) }
```

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

```
.border{ border-color:rgb(245, 198, 228) }
```

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, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 198, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 198, 228);  
box-shadow:4px 4px 4px 4px rgb(245, 198,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 65.4021, 0.3274, 0.2980 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, 228) }
```

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

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