

Converting Colors

Yxy(66.0214, 0.3317, 0.2905)

Have a look what the booklet for
Yxy(66.0214, 0.3317, 0.2905)
contains.

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Color

Yxy(66.1734, 0.3317, 0.2908)

Conversions

Conversions Part 1

Format	Color
Hex	FFC3E9
RGB	255, 195, 233
RGB Percent	100%, 76%, 91%
CMY	0.0000, 0.2354, 0.0862
CMYK	0.00, 0.24, 0.09, 0.00
HSL	322°, 100%, 88%
HSV	322°, 24%, 100%
XYZ	75.4805, 66.1734, 85.9025
YIQ	217.2720, 23.5620, 24.5380

Conversions

Conversions Part 2

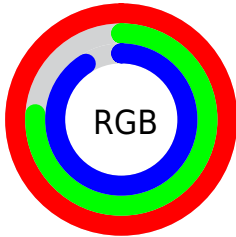
Format	Color
R _Y B	255, 195, 233
Decimal	16761833
CIE Lab	85.08, 27.31, -10.52
CIE LCh	85, 29.268, 338.934
Yxy	66.1734, 0.3317, 0.2908
Android (android.graphics.Color)	4294951913 (0xFFFFC3E9)
YUV	217.2720, 7.7539, 33.0875
Hunter-Lab	81.3470, 23.2696, -5.6674

Details

The Yxy color **66.1734, 0.3317, 0.2908** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **88.1269, 0.2976, 0.3706**, and the grayscale version is **69.5105, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1008, 0.3128, 0.3261**, and **34.2298, 0.3367, 0.2828** is the 20% darker color. If you saturate the color by 10%, you get **55.1798, 0.3422, 0.2739**, and if you desaturate by 10%, it is **79.1313, 0.3227, 0.3075**.

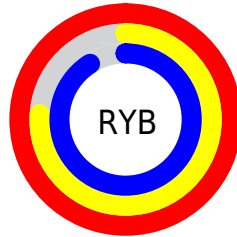
Distribution



Red (100%)

Green (76%)

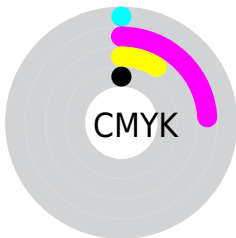
Blue (91%)



Red (100%)

Yellow (76%)

Blue (91%)

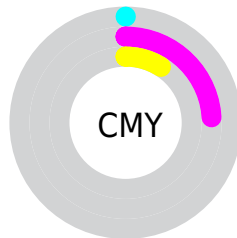


Cyan (0%)

Magenta (24%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.1734, 0.3317, 0.2908 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 66.1734, 0.3317, 0.2908 by changing the saturation by 10% instead.


 66.1734, 0.3317,
0.2908

 66.1734, 0.3317,
0.2908


446.9968, 0.3230,
0.3082

 48.4132, 0.3336,
0.2869


 113.7352, 0.3287,
0.2968

 34.1542, 0.3360,
0.2821


144.3055, 0.3276,
0.2991

 23.0121, 0.3390,
0.2761


179.9147, 0.3266,
0.3011

 14.6024, 0.3429,
0.2683

220.9471, 0.3257,
0.3029

 8.5408, 0.3481,
0.2579

267.7871, 0.3249,
0.3045

 4.4429, 0.3555,
0.2432

320.8191, 0.3242,

 1.9243, 0.3667,

0.3059

0.2211

380.4275, 0.3236,
0.3071

0.5629, 0.3899,
0.1748

0.0000, 0.5112,
0.0000

66.1734, 0.3317,
0.2908

66.1734, 0.3317,
0.2908

55.1798, 0.3422,
0.2739

79.1313, 0.3227,
0.3075

46.0735, 0.3544,
0.2576

94.1686, 0.3151,
0.3235

38.7387, 0.3682,
0.2426

100.0000, 0.3127,
0.3290

33.0561, 0.3834,
0.2301

■ 28.8913, 0.3997,
0.2213

■ 26.0890, 0.4164,
0.2172

■ 24.4598, 0.4328,
0.2184

■ 23.8556, 0.4432,
0.2215

Harmonies

Analogous

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



66.1734, 0.2948, 0.2740



66.1734, 0.3317, 0.2908



66.1734, 0.3649, 0.3166

Triad

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



66.1734, 0.3317, 0.2908



66.1734, 0.3608, 0.3917



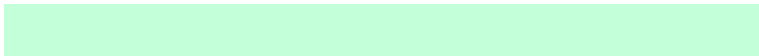
66.1734, 0.2467, 0.3048

Complementary

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



66.1734, 0.3317, 0.2908



88.1269, 0.2976, 0.3706

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.



66.1734, 0.2622, 0.3390



66.1734, 0.3317, 0.2908



66.1734, 0.3274, 0.3921

Square

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



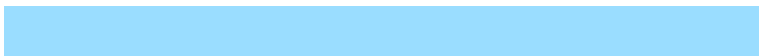
66.1734, 0.3317, 0.2908



66.1734, 0.3818, 0.3740



66.1734, 0.2914, 0.3723



66.1734, 0.2475, 0.2802

Rectangle

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



66.1734, 0.3317, 0.2908



66.1734, 0.3795, 0.3364



66.1734, 0.2914, 0.3723



66.1734, 0.2501, 0.3156

Sweetspot

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



66.1659, 0.3317, 0.2908



88.7214, 0.3176, 0.3181



60.8383, 0.2869, 0.2650



18.7924, 0.3180, 0.3171



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.



66.1659, 0.3317, 0.2908



61.0242, 0.3362, 0.2833



64.6401, 0.3545, 0.3198



18.1809, 0.3195, 0.3140



12.4948, 0.4407, 0.2201



1.2376, 0.4233, 0.2106

Inverse Universe

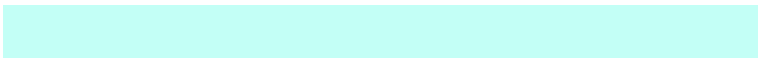
The Inverse Universe completely reimagines the original color for something new.



66.1659, 0.3317, 0.2908



61.0242, 0.3362, 0.2833



89.7731, 0.2824, 0.3385



18.1809, 0.3195, 0.3140



12.4948, 0.4407, 0.2201



1.2376, 0.4233, 0.2106

Previews

White Background



This preview shows how the Yxy color 66.1734, 0.3317, 0.2908 looks on a white background.

Color Contrast Check

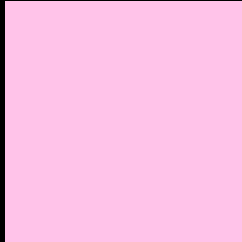
Large Text (above 18pt) WCAG AA × Fail

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 66.1734, 0.3317, 0.2908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

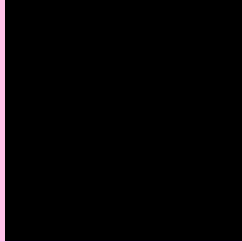
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.1734, 0.3317, 0.2908

Background



This preview shows how black text looks on a background with the Yxy color 66.1734, 0.3317, 0.2908.



This preview shows how white text looks on a background with the Yxy color 66.1734, 0.3317, 0.2908.

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

66.1734, 0.3317, 0.2908

Protanopia

66.3250, 0.2889, 0.2939

Deuteranopia

66.4027, 0.3095, 0.3032



Tritanopia

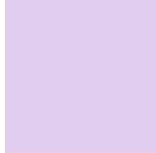
65.9387, 0.3436, 0.3126

Trichromacy



Original Color

66.1734, 0.3317, 0.2908



Protanomaly

65.7419, 0.3034, 0.2926



Deuteranomaly

66.3709, 0.3172, 0.2985



Tritanomaly

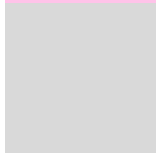
66.0356, 0.3391, 0.3045

Monochromacy



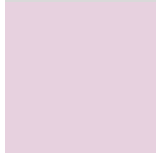
Original Color

66.1734, 0.3317, 0.2908



Achromatopsia

69.3872, 0.3127, 0.3290



Achromatomaly

67.9176, 0.3194, 0.3140

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.1734, 0.3317, 0.2908 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(255, 195, 233)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 233)  
}
```

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(255, 195, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 233) }
```

Border

The CSS property to change the border of an element to Yxy 66.1734, 0.3317, 0.2908 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(255, 195, 233) }
```

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

```
.border{ border-color:rgb(255, 195, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 195, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 195, 233); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 195, 233); box-shadow:4px 4px 4px 4px rgb(255, 195, 233) }
```


Background

The CSS property to change the background color of an element to Yxy 66.1734, 0.3317, 0.2908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 195, 233) }
```

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

```
.background{ background-color: rgb(255,  
195, 233) }
```

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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