

Converting Colors

Yxy(66.0448, 0.3383, 0.3003)

Have a look what the booklet for
Yxy(66.0448, 0.3383, 0.3003)
contains.

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Color

Yxy(66.1217, 0.3385, 0.3007)

Conversions

Conversions Part 1

Format	Color
Hex	FFC4E0
RGB	255, 196, 224
RGB Percent	100%, 77%, 88%
CMY	0.0000, 0.2313, 0.1217
CMYK	0.00, 0.23, 0.12, 0.00
HSL	332°, 100%, 88%
HSV	332°, 23%, 100%
XYZ	74.4336, 66.1217, 79.3372
YIQ	216.8330, 26.1760, 21.2160

Conversions

Conversions Part 2

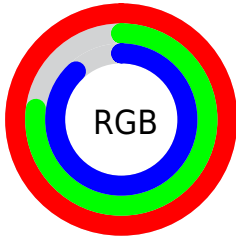
Format	Color
R _Y B	255, 196, 224
Decimal	16762080
CIE Lab	85.06, 25.28, -5.73
CIE LCh	85, 25.917, 347.222
Yxy	66.1217, 0.3385, 0.3007
Android (android.graphics.Color)	4294952160 (0xFFFFC4E0)
YUV	216.8330, 3.5333, 33.4725
Hunter-Lab	81.3153, 21.0921, -0.9271

Details

The Yxy color $66.1217, 0.3385, 0.3007$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $88.8047, 0.2928, 0.3592$, and the grayscale version is $69.2287, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.7306, 0.3128, 0.3271$, and $34.2163, 0.3448, 0.2940$ is the 20% darker color. If you saturate the color by 10%, you get $54.8803, 0.3536, 0.2878$, and if you desaturate by 10%, it is $79.3772, 0.3259, 0.3133$.

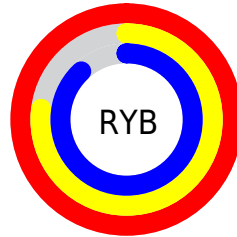
Distribution



Red (100%)

Green (77%)

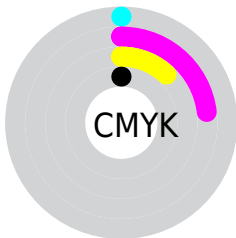
Blue (88%)



Red (100%)

Yellow (77%)

Blue (88%)

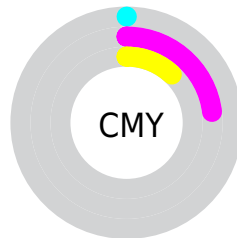


Cyan (0%)

Magenta (23%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (23%)

Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.1217, 0.3385, 0.3007 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 66.1217, 0.3385, 0.3007 by changing the saturation by 10% instead.


 66.1217, 0.3385,
0.3007

 66.1217, 0.3385,
0.3007

446.8120, 0.3265,
0.3137

 48.3712, 0.3413,
0.2977


 113.6610, 0.3343,
0.3052

 34.1209, 0.3447,
0.2941


144.2186, 0.3327,
0.3070

 22.9865, 0.3490,
0.2895


179.8140, 0.3313,
0.3085

 14.5836, 0.3547,
0.2834

220.8316, 0.3301,
0.3098

 8.5276, 0.3625,
0.2753

267.6558, 0.3290,
0.3110

 4.4344, 0.3739,
0.2636

320.6710, 0.3281,

 1.9194, 0.3920,

0.3120

0.2455

380.2616, 0.3273,
0.3129

0.5600, 0.4306,
0.2029

0.0000, 1.0000,
0.0000

66.1217, 0.3385,
0.3007

66.1217, 0.3385,
0.3007

54.8803, 0.3536,
0.2878

79.3772, 0.3259,
0.3133

45.5503, 0.3714,
0.2753

94.7372, 0.3156,
0.3254

38.0237, 0.3922,
0.2639

100.0000, 0.3127,
0.3290

32.1807, 0.4158,
0.2547

■ 27.8867, 0.4415,
0.2491

■ 24.9862, 0.4682,
0.2484

■ 23.2905, 0.4943,
0.2531

■ 22.6372, 0.5114,
0.2591

Harmonies

Analogous

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



66.1217, 0.3058, 0.2830



66.1217, 0.3385, 0.3007



66.1217, 0.3651, 0.3254

Triad

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



66.1217, 0.3385, 0.3007



66.1217, 0.3481, 0.3863



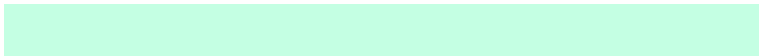
66.1217, 0.2525, 0.3007

Complementary

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



66.1217, 0.3385, 0.3007



88.8047, 0.2928, 0.3592

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.



66.1217, 0.2626, 0.3293



66.1217, 0.3385, 0.3007



66.1217, 0.3170, 0.3813

Square

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



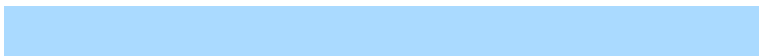
66.1217, 0.3385, 0.3007



66.1217, 0.3704, 0.3747



66.1217, 0.2858, 0.3598



66.1217, 0.2574, 0.2818

Rectangle

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



66.1217, 0.3385, 0.3007



66.1217, 0.3749, 0.3433



66.1217, 0.2858, 0.3598



66.1217, 0.2543, 0.3094

Sweetspot

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



66.1226, 0.3385, 0.3007



88.5452, 0.3193, 0.3208



62.9500, 0.2945, 0.2675



18.7516, 0.3200, 0.3201



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.



66.1226, 0.3385, 0.3007



60.4078, 0.3455, 0.2944



65.1733, 0.3605, 0.3302



18.1305, 0.3219, 0.3178



11.8581, 0.5075, 0.2569



1.1765, 0.4806, 0.2421

Inverse Universe

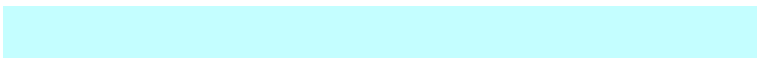
The Inverse Universe completely reimagines the original color for something new.



66.1226, 0.3385, 0.3007



60.4078, 0.3455, 0.2944



89.8508, 0.2783, 0.3279



18.1305, 0.3219, 0.3178



11.8581, 0.5075, 0.2569



1.1765, 0.4806, 0.2421

Previews

White Background



This preview shows how the Yxy color 66.1217, 0.3385, 0.3007 looks on a white background.

Color Contrast Check

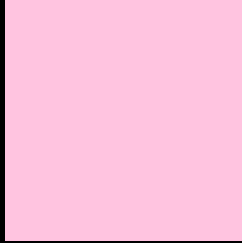
Large Text (above 18pt) WCAG AA × Fail

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 66.1217, 0.3385, 0.3007 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 66.1217, 0.3385, 0.3007

Background



This preview shows how black text looks on a background with the Yxy color 66.1217, 0.3385, 0.3007.



This preview shows how white text looks on a background with the Yxy color 66.1217, 0.3385, 0.3007.

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

66.1217, 0.3385, 0.3007

Protanopia

66.3206, 0.2980, 0.3047

Deuteranopia

66.0746, 0.3188, 0.3118



Tritanopia

66.2631, 0.3460, 0.3137

Trichromacy



Original Color

66.1217, 0.3385, 0.3007

Protanomaly

66.1867, 0.3117, 0.3032

Deuteranomaly

65.7459, 0.3253, 0.3068

Tritanomaly

66.0131, 0.3430, 0.3086

Monochromacy



Original Color

66.1217, 0.3385, 0.3007

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

67.7572, 0.3215, 0.3172

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.1217, 0.3385, 0.3007 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, 196, 224)` looks like.

```
.text, #text, p{  
    color:rgb(255, 196, 224)  
}
```

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, 196, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 196, 224) }
```

Border

The CSS property to change the border of an element to Yxy 66.1217, 0.3385, 0.3007 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, 196, 224) }
```

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

```
.border{ border-color:rgb(255, 196, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 196, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 196, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 196, 224);  
box-shadow:4px 4px 4px 4px rgb(255, 196,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 66.1217, 0.3385, 0.3007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 196, 224) }
```

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

```
.background{ background-color: rgb(255,  
196, 224) }
```

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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