

Converting Colors

$Yxy(91.7047, 0.4221, 0.3157)$

Have a look what the booklet for
Yxy(91.7047, 0.4221, 0.3157)
contains.

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Color

Yxy(66.6060, 0.3444, 0.3107)

Conversions

Conversions Part 1

Format	Color
Hex	FFC6D8
RGB	255, 198, 216
RGB Percent	100%, 78%, 85%
CMY	0.0000, 0.2235, 0.1529
CMYK	0.00, 0.22, 0.15, 0.00
HSL	341°, 100%, 89%
HSV	341°, 22%, 100%
XYZ	73.8304, 66.6060, 73.9376
YIQ	217.0950, 28.1940, 17.6820

Conversions

Conversions Part 2

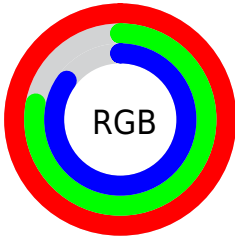
Format	Color
R _Y B	255, 198, 216
Decimal	16762584
CIE Lab	85.30, 22.97, -1.13
CIE LCh	85, 22.994, 357.187
Yxy	66.6060, 0.3444, 0.3107
Android (android.graphics.Color)	4294952664 (0xFFFFC6D8)
YUV	217.0950, -0.5398, 33.2427
Hunter-Lab	81.6125, 18.6574, 3.4144

Details

The Yxy color **66.6060, 0.3444, 0.3107** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89.6403, 0.2887, 0.3482**, and the grayscale version is **69.4474, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.5255, 0.3528, 0.3069** is the 20% darker color. If you saturate the color by 10%, you get **55.0607, 0.3639, 0.3020**, and if you desaturate by 10%, it is **80.2143, 0.3284, 0.3192**.

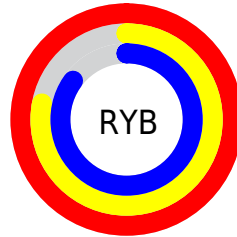
Distribution



Red (100%)

Green (78%)

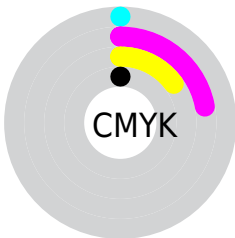
Blue (85%)



Red (100%)

Yellow (78%)

Blue (85%)

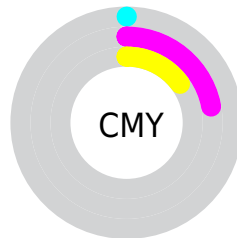


Cyan (0%)

Magenta (22%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (22%)

Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.6060, 0.3444, 0.3107 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 66.6060, 0.3444, 0.3107 by changing the saturation by 10% instead.

 66.6060, 0.3444,
0.3107

 66.6060, 0.3444,
0.3107

448.5410, 0.3295,
0.3193

 48.7645, 0.3479,
0.3087


114.3557, 0.3392,
0.3137

 34.4327, 0.3522,
0.3063


145.0326, 0.3372,
0.3148

 23.2262, 0.3576,
0.3031


180.7569, 0.3355,
0.3158

 14.7606, 0.3649,
0.2990

221.9128, 0.3340,
0.3167

 8.6516, 0.3750,
0.2933

268.8848, 0.3326,
0.3175

 4.5146, 0.3898,
0.2850

322.0572, 0.3315,

 1.9654, 0.4137,

0.3181

0.2716

381.8145, 0.3304,
0.3187

0.5873, 0.4684,
0.2391

0.0000, 1.0000,
0.0000

66.6060, 0.3444,
0.3107

66.6060, 0.3444,
0.3107

55.0607, 0.3639,
0.3020

80.2143, 0.3284,
0.3192

45.4700, 0.3875,
0.2936

95.9724, 0.3154,
0.3272

37.7264, 0.4155,
0.2860

100.0000, 0.3127,
0.3290

31.7092, 0.4477,
0.2804

■ 27.2831, 0.4830,
0.2780

■ 24.2925, 0.5191,
0.2798

■ 22.5495, 0.5529,
0.2866

■ 21.8476, 0.5754,
0.2944

Harmonies

Analogous

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



66.6060, 0.3164, 0.2923



66.6060, 0.3444, 0.3107



66.6060, 0.3642, 0.3340

Triad

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



66.6060, 0.3444, 0.3107



66.6060, 0.3356, 0.3798



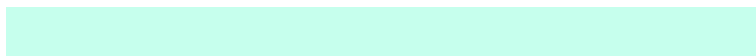
66.6060, 0.2591, 0.2973

Complementary

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



66.6060, 0.3444, 0.3107



89.6403, 0.2887, 0.3482

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.



66.6060, 0.2638, 0.3205



66.6060, 0.3444, 0.3107



66.6060, 0.3071, 0.3701

Square

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



66.6060, 0.3444, 0.3107



66.6060, 0.3586, 0.3744



66.6060, 0.2810, 0.3477



66.6060, 0.2679, 0.2841

Rectangle

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



66.6060, 0.3444, 0.3107



66.6060, 0.3694, 0.3498



66.6060, 0.2810, 0.3477



66.6060, 0.2592, 0.3042

Sweetspot

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



66.6084, 0.3444, 0.3107



88.3736, 0.3211, 0.3235



65.6061, 0.3021, 0.2709



18.7119, 0.3219, 0.3231



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.



66.6084, 0.3444, 0.3107



60.9903, 0.3530, 0.3067



70.6705, 0.3564, 0.3399



18.0816, 0.3244, 0.3215



11.4396, 0.5711, 0.2920



1.1326, 0.5392, 0.2744

Inverse Universe

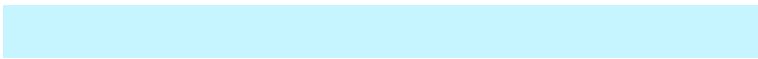
The Inverse Universe completely reimagines the original color for something new.



66.6084, 0.3444, 0.3107



60.9903, 0.3530, 0.3067



84.2596, 0.2786, 0.3178



18.0816, 0.3244, 0.3215



11.4396, 0.5711, 0.2920



1.1326, 0.5392, 0.2744

Previews

White Background



This preview shows how the Yxy color 66.6060, 0.3444, 0.3107 looks on a white background.

Color Contrast Check

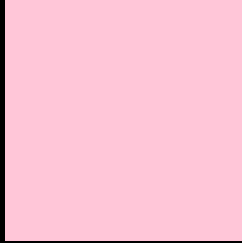
Large Text (above 18pt) WCAG AA × Fail

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 66.6060, 0.3444, 0.3107 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 66.6060, 0.3444, 0.3107

Background



This preview shows how black text looks on a background with the Yxy color 66.6060, 0.3444, 0.3107.

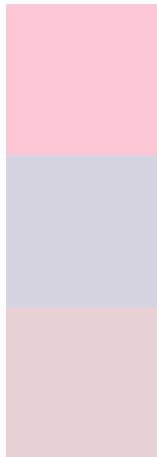


This preview shows how white text looks on a background with the Yxy color 66.6060, 0.3444, 0.3107.

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

66.6060, 0.3444, 0.3107

Protanopia

66.7649, 0.3061, 0.3157

Deuteranopia

66.8043, 0.3275, 0.3215



Tritanopia

66.5032, 0.3460, 0.3127

Trichromacy



Original Color

66.6060, 0.3444, 0.3107

Protanomaly

66.5041, 0.3194, 0.3139

Deuteranomaly

66.7928, 0.3333, 0.3174

Tritanomaly

66.5545, 0.3452, 0.3117

Monochromacy



Original Color

66.6060, 0.3444, 0.3107

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

68.0919, 0.3235, 0.3215

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.6060, 0.3444, 0.3107 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, 198, 216)` looks like.

```
.text, #text, p{  
    color:rgb(255, 198, 216)  
}
```

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, 198, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 198, 216) }
```

Border

The CSS property to change the border of an element to Yxy 66.6060, 0.3444, 0.3107 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, 198, 216) }
```

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

```
.border{ border-color:rgb(255, 198, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 198, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 198, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 198, 216);  
box-shadow:4px 4px 4px 4px rgb(255, 198,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 66.6060, 0.3444, 0.3107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 198, 216) }
```

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

```
.background{ background-color: rgb(255,  
198, 216) }
```

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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