

Converting Colors

Yxy(66.3449, 0.3308, 0.3061)

Have a look what the booklet for
Yxy(66.3449, 0.3308, 0.3061)
contains.

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Color

Yxy(66.5135, 0.3308, 0.3062)

Conversions

Conversions Part 1

Format	Color
Hex	F5C9DF
RGB	245, 201, 223
RGB Percent	96%, 79%, 87%
CMY	0.0393, 0.2117, 0.1255
CMYK	0.00, 0.18, 0.09, 0.04
HSL	330°, 69%, 87%
HSV	330°, 18%, 96%
XYZ	71.8572, 66.5135, 78.8517
YIQ	216.6640, 19.1620, 16.1700

Conversions

Conversions Part 2

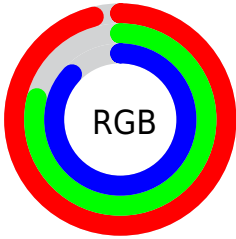
Format	Color
R_{YB}	245, 201, 223
Decimal	16107999
CIE Lab	85.26, 19.04, -5.02
CIE LCh	85, 19.687, 345.225
Yxy	66.5135, 0.3308, 0.3062
Android (android.graphics.Color)	4294298079 (0xFFF5C9DF)
YUV	216.6640, 3.1236, 24.8507
Hunter-Lab	81.5558, 14.5501, -0.2351

Details

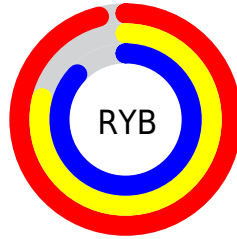
The Yxy color **66.5135, 0.3308, 0.3062** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83.0458, 0.2978, 0.3530**, and the grayscale version is **69.1153, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.3860, 0.3346, 0.3009** is the 20% darker color. If you saturate the color by 10%, you get **55.3524, 0.3438, 0.2928**, and if you desaturate by 10%, it is **79.5500, 0.3200, 0.3192**.

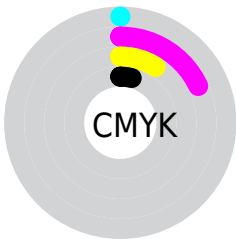
Distribution



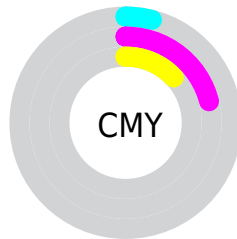
- Red (96%)
- Green (79%)
- Blue (87%)



- Red (96%)
- Yellow (79%)
- Blue (87%)



- Cyan (0%)
- Magenta (18%)
- Yellow (9%)
- Black (4%)





- Cyan (4%)
- Magenta (21%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.5135, 0.3308, 0.3062 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 66.5135, 0.3308, 0.3062 by changing the saturation by 10% instead.


 66.5135, 0.3308,
0.3062

 66.5135, 0.3308,
0.3062


448.2111, 0.3224,
0.3167

 48.6894, 0.3327,
0.3038

114.2230, 0.3279,
0.3099

 34.3731, 0.3351,
0.3008

144.8772, 0.3267,
0.3113

 23.1804, 0.3382,
0.2971


180.5769, 0.3258,
0.3125

 14.7268, 0.3422,
0.2922

221.7064, 0.3249,
0.3136

 8.6278, 0.3477,
0.2855

268.6502, 0.3242,
0.3145

 4.4992, 0.3557,
0.2758


321.7926, 0.3235,

 1.9566, 0.3684,


0.3153


0.2607

381.5181, 0.3229,
0.3161


 0.5821, 0.3967,
0.2241


 0.0000, 0.0000,
0.0000

 66.5135, 0.3308,
0.3062


 66.5135, 0.3308,
0.3062


 55.3524, 0.3438,
0.2928


 79.5500, 0.3200,
0.3192

 45.9706, 0.3593,
0.2793

 94.5344, 0.3110,
0.3314

 38.2769, 0.3775,
0.2666

 98.1504, 0.3066,
0.3290

 32.1685, 0.3983,
0.2555

■ 27.5309, 0.4214,
0.2473

■ 24.2345, 0.4460,
0.2433

■ 22.1262, 0.4710,
0.2444

■ 20.9981, 0.4950,
0.2510

■ 20.8257, 0.4998,
0.2527

Harmonies

Analogous

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



66.5135, 0.3060, 0.2929



66.5135, 0.3308, 0.3062



66.5135, 0.3512, 0.3252

Triad

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



66.5135, 0.3308, 0.3062



66.5135, 0.3412, 0.3721



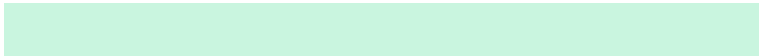
66.5135, 0.2667, 0.3092

Complementary

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



66.5135, 0.3308, 0.3062



83.0458, 0.2978, 0.3530

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.



66.5135, 0.2754, 0.3311



66.5135, 0.3308, 0.3062



66.5135, 0.3179, 0.3688

Square

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



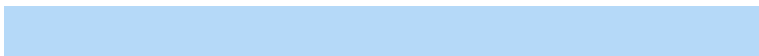
66.5135, 0.3308, 0.3062



66.5135, 0.3572, 0.3631



66.5135, 0.2939, 0.3535



66.5135, 0.2698, 0.2938

Rectangle

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



66.5135, 0.3308, 0.3062



66.5135, 0.3592, 0.3391



66.5135, 0.2939, 0.3535



66.5135, 0.2683, 0.3160

Sweetspot

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



66.5165, 0.3308, 0.3062



91.7291, 0.3172, 0.3229



64.0590, 0.2986, 0.2822



19.3944, 0.3178, 0.3220



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.



66.5165, 0.3308, 0.3062



67.6030, 0.3358, 0.3007



65.4072, 0.3476, 0.3291



16.6206, 0.3215, 0.3172



11.2484, 0.4962, 0.2507



1.0094, 0.4683, 0.2353

Inverse Universe

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



66.5165, 0.3308, 0.3062



67.6030, 0.3358, 0.3007



84.3091, 0.2857, 0.3289



16.6206, 0.3215, 0.3172



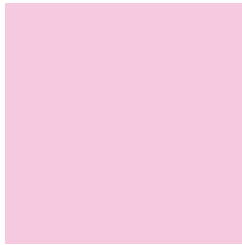
11.2484, 0.4962, 0.2507



1.0094, 0.4683, 0.2353

Previews

White Background



This preview shows how the Yxy color 66.5135, 0.3308, 0.3062 looks on a white background.

Color Contrast Check

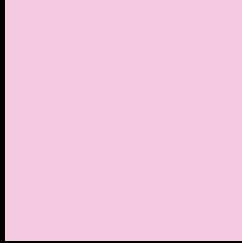
Large Text (above 18pt) WCAG AA × Fail

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 66.5135, 0.3308, 0.3062 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 66.5135, 0.3308, 0.3062

Background



This preview shows how black text looks on a background with the Yxy color 66.5135, 0.3308, 0.3062.



This preview shows how white text looks on a background with the Yxy color 66.5135, 0.3308, 0.3062.

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

66.5135, 0.3308, 0.3062

Protanopia

66.7972, 0.3007, 0.3091

Deuteranopia

66.7226, 0.3195, 0.3129



Tritanopia

66.5361, 0.3337, 0.3123

Trichromacy



Original Color

66.5135, 0.3308, 0.3062

Protanomaly

66.5051, 0.3115, 0.3084

Deuteranomaly

66.5987, 0.3234, 0.3109

Tritanomaly

66.6415, 0.3322, 0.3102

Monochromacy



Original Color

66.5135, 0.3308, 0.3062

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

68.0339, 0.3191, 0.3204

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.5135, 0.3308, 0.3062 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, 201, 223)` looks like.

```
.text, #text, p{  
    color:rgb(245, 201, 223)  
}
```

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, 201, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 201, 223) }
```

Border

The CSS property to change the border of an element to Yxy 66.5135, 0.3308, 0.3062 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, 201, 223) }
```

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

```
.border{ border-color:rgb(245, 201, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 201, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 201, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 201, 223);  
box-shadow:4px 4px 4px 4px rgb(245, 201,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 66.5135, 0.3308, 0.3062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 201, 223) }
```

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

```
.background{ background-color: rgb(245,  
201, 223) }
```

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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