

Converting Colors

$Yxy(68.6009, 0.3407, 0.3258)$

Have a look what the booklet for
Yxy(68.6009, 0.3407, 0.3258)
contains.

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Color

Yxy(68.8716, 0.3405, 0.3259)

Conversions

Conversions Part 1

Format	Color
Hex	F6CFD2
RGB	246, 207, 210
RGB Percent	96%, 81%, 82%
CMY	0.0353, 0.1882, 0.1763
CMYK	0.00, 0.16, 0.15, 0.04
HSL	355°, 68%, 89%
HSV	355°, 16%, 96%
XYZ	71.9570, 68.8716, 70.4988
YIQ	219.0030, 22.2810, 9.2010

Conversions

Conversions Part 2

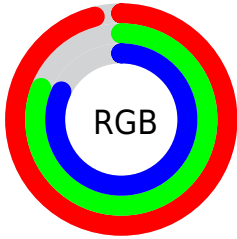
Format	Color
R _Y B	246, 207, 210
Decimal	16175058
CIE Lab	86.44, 14.15, 3.60
CIE LCh	86, 14.599, 14.269
Yxy	68.8716, 0.3405, 0.3259
Android (android.graphics.Color)	4294365138 (0xFFFF6CFD2)
YUV	219.0030, -4.4385, 23.6764
Hunter-Lab	82.9889, 9.5409, 7.7256

Details

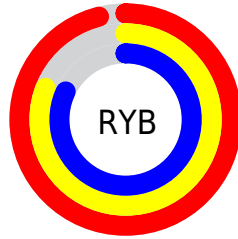
The Yxy color **68.8716, 0.3405, 0.3259** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85.6499, 0.2903, 0.3321**, and the grayscale version is **70.8640, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.0016, 0.3465, 0.3250** is the 20% darker color. If you saturate the color by 10%, you get **56.8168, 0.3638, 0.3238**, and if you desaturate by 10%, it is **82.9499, 0.3219, 0.3279**.

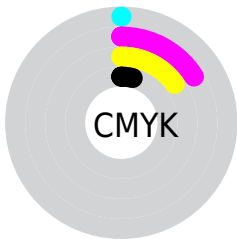
Distribution



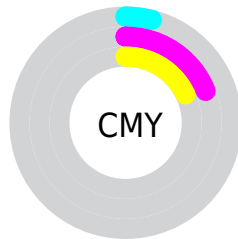
- Red (96%)
- Green (81%)
- Blue (82%)



- Red (96%)
- Yellow (81%)
- Blue (82%)



- Cyan (0%)
- Magenta (16%)
- Yellow (15%)
- Black (4%)





- Cyan (4%)
- Magenta (19%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.8716, 0.3405, 0.3259 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 68.8716, 0.3405, 0.3259 by changing the saturation by 10% instead.


 68.8716, 0.3405,
0.3259

 68.8716, 0.3405,
0.3259


456.5780, 0.3274,
0.3275

 50.6071, 0.3435,
0.3255

117.5982, 0.3359,
0.3265

 35.8961, 0.3473,
0.3250


148.8291, 0.3342,
0.3267

 24.3539, 0.3521,
0.3244


185.1509, 0.3327,
0.3269

 15.5964, 0.3585,
0.3235

226.9481, 0.3313,
0.3270

 9.2390, 0.3674,
0.3221

274.6050, 0.3302,
0.3272

 4.8974, 0.3804,
0.3201

328.5060, 0.3292,

 2.1872, 0.4015,

0.3273

0.3163

389.0355, 0.3283,
0.3274

0.7130, 0.4557,
0.3135

0.0000, 0.0000,
0.0000

68.8716, 0.3405,
0.3259

68.8716, 0.3405,
0.3259

56.8168, 0.3638,
0.3238

82.9499, 0.3219,
0.3279

46.6838, 0.3926,
0.3217

98.3340, 0.3072,
0.3290

38.3760, 0.4276,
0.3199

31.7848, 0.4688,
0.3185

■ 26.7902, 0.5144,
0.3181

■ 23.2564, 0.5601,
0.3191

■ 21.0253, 0.5996,
0.3216

■ 19.9019, 0.6265,
0.3252

■ 19.6416, 0.6336,
0.3264

Harmonies

Analogous

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



68.8716, 0.3255, 0.3117



68.8716, 0.3405, 0.3259



68.8716, 0.3479, 0.3412

Triad

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



68.8716, 0.3405, 0.3259



68.8716, 0.3173, 0.3581



68.8716, 0.2808, 0.3035

Complementary

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



68.8716, 0.3405, 0.3259



85.6499, 0.2903, 0.3321

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.



68.8716, 0.2788, 0.3152



68.8716, 0.3405, 0.3259



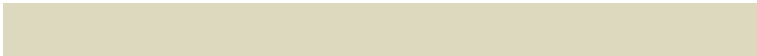
68.8716, 0.2995, 0.3472

Square

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



68.8716, 0.3405, 0.3259



68.8716, 0.3342, 0.3604



68.8716, 0.2855, 0.3313



68.8716, 0.2911, 0.2989

Rectangle

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



68.8716, 0.3405, 0.3259



68.8716, 0.3474, 0.3502



68.8716, 0.2855, 0.3313



68.8716, 0.2791, 0.3067

Sweetspot

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



68.8747, 0.3405, 0.3259



91.3990, 0.3205, 0.3281



70.2911, 0.3122, 0.2894



19.3143, 0.3216, 0.3279



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.



68.8747, 0.3405, 0.3259



70.3373, 0.3474, 0.3252



77.0094, 0.3401, 0.3459



16.5035, 0.3281, 0.3272



10.4910, 0.6317, 0.3254



0.9292, 0.6124, 0.3147

Inverse Universe

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



68.8747, 0.3405, 0.3259



70.3373, 0.3474, 0.3252



76.3762, 0.2879, 0.3115



16.5035, 0.3281, 0.3272



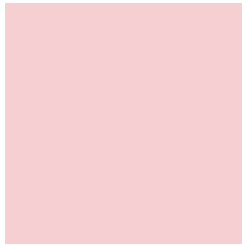
10.4910, 0.6317, 0.3254



0.9292, 0.6124, 0.3147

Previews

White Background



This preview shows how the Yxy color 68.8716, 0.3405, 0.3259 looks on a white background.

Color Contrast Check

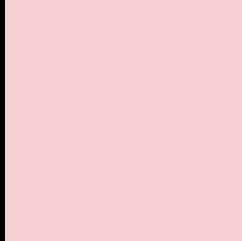
Large Text (above 18pt) WCAG AA × Fail

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 68.8716, 0.3405, 0.3259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

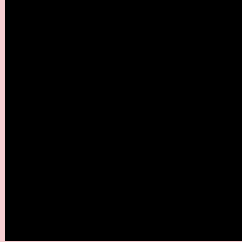
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.8716, 0.3405, 0.3259

Background



This preview shows how black text looks on a background with the Yxy color 68.8716, 0.3405, 0.3259.



This preview shows how white text looks on a background with the Yxy color 68.8716, 0.3405, 0.3259.

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

68.8716, 0.3405, 0.3259

Protanopia

68.8793, 0.3171, 0.3290

Deuteranopia

68.7793, 0.3356, 0.3280



Tritanopia

68.6573, 0.3334, 0.3125

Trichromacy



Original Color

68.8716, 0.3405, 0.3259

Protanomaly

68.7141, 0.3254, 0.3280

Deuteranomaly

68.6421, 0.3373, 0.3270

Tritanomaly

68.9265, 0.3362, 0.3177

Monochromacy



Original Color

68.8716, 0.3405, 0.3259

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.2168, 0.3223, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.8716, 0.3405, 0.3259 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(246, 207, 210)` looks like.

```
.text, #text, p{  
    color:rgb(246, 207, 210)  
}
```

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(246, 207, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 207, 210) }
```

Border

The CSS property to change the border of an element to Yxy 68.8716, 0.3405, 0.3259 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(246, 207, 210) }
```

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

```
.border{ border-color:rgb(246, 207, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 207, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 207, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 207, 210);  
box-shadow:4px 4px 4px 4px rgb(246, 207,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 68.8716, 0.3405, 0.3259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 207, 210) }
```

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

```
.background{ background-color: rgb(246,  
207, 210) }
```

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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