

Converting Colors

Yxy(66.1459, 0.3405, 0.3289)

Have a look what the booklet for
Yxy(66.1459, 0.3405, 0.3289)
contains.

Yxy(66.0706, 0.3408, 0.3291)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(66.0706, 0.3408, 0.3291)

Conversions

Conversions Part 1

Format	Color
Hex	F0CCCC
RGB	240, 204, 204
RGB Percent	94%, 80%, 80%
CMY	0.0589, 0.1999, 0.2000
CMYK	0.00, 0.15, 0.15, 0.06
HSL	0°, 54%, 87%
HSV	0°, 15%, 94%
XYZ	68.4195, 66.0706, 66.2714
YIQ	214.7640, 21.4560, 7.6320

Conversions

Conversions Part 2

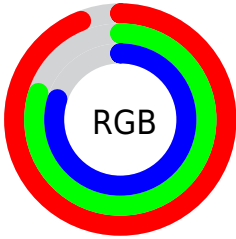
Format	Color
R _Y B	240, 204, 204
Decimal	15781068
CIE Lab	85.03, 12.62, 4.70
CIE LCh	85, 13.471, 20.423
Yxy	66.0706, 0.3408, 0.3291
Android (android.graphics.Color)	4293971148 (0xFFFF0CCCC)
YUV	214.7640, -5.3067, 22.1320
Hunter-Lab	81.2838, 8.0032, 8.5591

Details

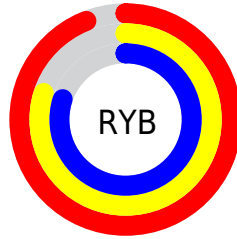
The Yxy color **66.0706, 0.3408, 0.3291** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.4193, 0.2899, 0.3289**, and the grayscale version is **67.8128, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.2050, 0.3481, 0.3291** is the 20% darker color. If you saturate the color by 10%, you get **54.4711, 0.3656, 0.3292**, and if you desaturate by 10%, it is **79.6091, 0.3210, 0.3290**.

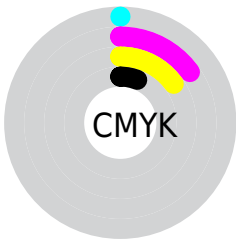
Distribution



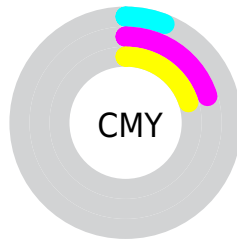
- Red (94%)
- Green (80%)
- Blue (80%)



- Red (94%)
- Yellow (80%)
- Blue (80%)



- Cyan (0%)
- Magenta (15%)
- Yellow (15%)
- Black (6%)





- Cyan (6%)
- Magenta (20%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.0706, 0.3408, 0.3291 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 66.0706, 0.3408, 0.3291 by changing the saturation by 10% instead.


 66.0706, 0.3408,
0.3291

 66.0706, 0.3408,
0.3291


446.6293, 0.3275,
0.3292

 48.3297, 0.3439,
0.3290


113.5877, 0.3361,
0.3292

 34.0881, 0.3478,
0.3290


144.1326, 0.3343,
0.3292

 22.9613, 0.3528,
0.3288


179.7144, 0.3328,
0.3292

 14.5649, 0.3595,
0.3286

220.7174, 0.3314,
0.3292

 8.5146, 0.3688,
0.3282

267.5260, 0.3303,
0.3292

 4.4260, 0.3826,
0.3274

320.5246, 0.3292,

 1.9146, 0.4055,

0.3292

0.3255

380.0976, 0.3283,
0.3292

0.5571, 0.5008,
0.3330

0.0000, 0.0000,
0.0000

66.0706, 0.3408,
0.3291

66.0706, 0.3408,
0.3291

54.4711, 0.3656,
0.3292

79.6091, 0.3210,
0.3290

44.7136, 0.3964,
0.3293

95.1602, 0.3053,
0.3290

36.7060, 0.4339,
0.3294

97.2604, 0.3035,
0.3290

30.3448, 0.4779,
0.3296

■ 25.5158, 0.5260,
0.3297

■ 22.0898, 0.5728,
0.3298

■ 19.9171, 0.6109,
0.3299

■ 18.8133, 0.6336,
0.3300

■ 18.5231, 0.6400,
0.3300

Harmonies

Analogous

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



66.0706, 0.3280, 0.3153



66.0706, 0.3408, 0.3291



66.0706, 0.3459, 0.3433

Triad

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



66.0706, 0.3408, 0.3291



66.0706, 0.3135, 0.3546



66.0706, 0.2842, 0.3036

Complementary

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



66.0706, 0.3408, 0.3291



81.4193, 0.2899, 0.3289

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.



66.0706, 0.2806, 0.3134



66.0706, 0.3408, 0.3291



66.0706, 0.2973, 0.3432

Square

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



66.0706, 0.3408, 0.3291



66.0706, 0.3299, 0.3586



66.0706, 0.2853, 0.3279



66.0706, 0.2952, 0.3008

Rectangle

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



66.0706, 0.3408, 0.3291



66.0706, 0.3442, 0.3511



66.0706, 0.2853, 0.3279



66.0706, 0.2821, 0.3062

Sweetspot

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



66.0736, 0.3408, 0.3291



93.0274, 0.3193, 0.3290



67.9947, 0.3145, 0.2919



19.6400, 0.3206, 0.3290



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.



66.0736, 0.3408, 0.3291



71.5301, 0.3478, 0.3291



75.1145, 0.3380, 0.3480



15.7602, 0.3293, 0.3291



10.1431, 0.6400, 0.3300



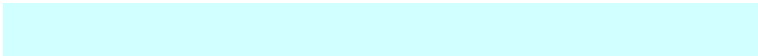
0.8443, 0.6399, 0.3301

Inverse Universe

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



81.4193, 0.2899, 0.3289



92.2947, 0.2855, 0.3289



71.3613, 0.2892, 0.3092



17.9275, 0.2981, 0.3289



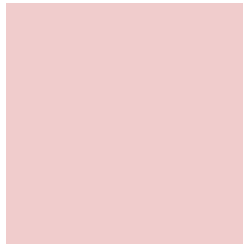
37.5194, 0.2246, 0.3286



3.1217, 0.2246, 0.3286

Previews

White Background



This preview shows how the Yxy color 66.0706, 0.3408, 0.3291 looks on a white background.

Color Contrast Check

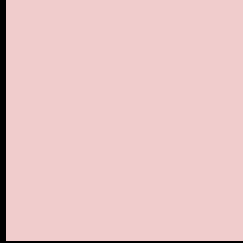
Large Text (above 18pt) WCAG AA × Fail

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 66.0706, 0.3408, 0.3291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

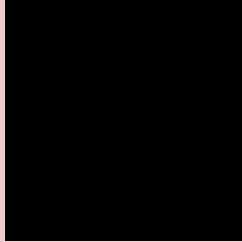
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.0706, 0.3408, 0.3291

Background



This preview shows how black text looks on a background with the Yxy color 66.0706, 0.3408, 0.3291.

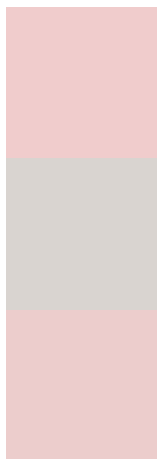


This preview shows how white text looks on a background with the Yxy color 66.0706, 0.3408, 0.3291.

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

66.0706, 0.3408, 0.3291

Protanopia

66.3927, 0.3192, 0.3335

Deuteranopia

65.8551, 0.3375, 0.3302



Tritanopia

66.1803, 0.3321, 0.3122

Trichromacy



Original Color

66.0706, 0.3408, 0.3291

Protanomaly

66.1135, 0.3262, 0.3312

Deuteranomaly

66.0268, 0.3383, 0.3302

Tritanomaly

66.2167, 0.3349, 0.3185

Monochromacy



Original Color

66.0706, 0.3408, 0.3291

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.1390, 0.3224, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.0706, 0.3408, 0.3291 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(240, 204, 204)` looks like.

```
.text, #text, p{  
    color:rgb(240, 204, 204)  
}
```

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(240, 204, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 204, 204) }
```

Border

The CSS property to change the border of an element to Yxy 66.0706, 0.3408, 0.3291 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(240, 204, 204) }
```

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

```
.border{ border-color:rgb(240, 204, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 204, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 204, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 204, 204);  
box-shadow:4px 4px 4px 4px rgb(240, 204,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 66.0706, 0.3408, 0.3291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 204, 204) }
```

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

```
.background{ background-color: rgb(240,  
204, 204) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor