

Converting Colors

$Yxy(67.1660, 0.3483, 0.3285)$

Have a look what the booklet for
Yxy(67.1660, 0.3483, 0.3285)
contains.

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Color

Yxy(67.2112, 0.3481, 0.3281)

Conversions

Conversions Part 1

Format	Color
Hex	F9CBCC
RGB	249, 203, 204
RGB Percent	98%, 80%, 80%
CMY	0.0237, 0.2038, 0.2001
CMYK	0.00, 0.18, 0.18, 0.02
HSL	359°, 79%, 89%
HSV	359°, 18%, 98%
XYZ	71.3082, 67.2112, 66.3303
YIQ	216.8680, 27.0950, 10.0630

Conversions

Conversions Part 2

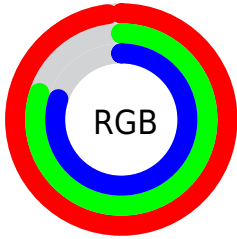
Format	Color
R _Y B	249, 203, 204
Decimal	16370636
CIE Lab	85.61, 16.35, 5.65
CIE LCh	86, 17.300, 19.052
Yxy	67.2112, 0.3481, 0.3281
Android (android.graphics.Color)	4294560716 (0xFFF9CBCC)
YUV	216.8680, -6.3439, 28.1798
Hunter-Lab	81.9824, 11.7898, 9.4174

Details

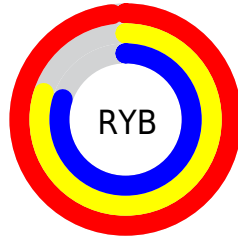
The Yxy color **67.2112, 0.3481, 0.3281** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.2009, 0.2854, 0.3299**, and the grayscale version is **69.3222, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.9034, 0.3568, 0.3278** is the 20% darker color. If you saturate the color by 10%, you get **55.3033, 0.3744, 0.3276**, and if you desaturate by 10%, it is **81.1963, 0.3271, 0.3286**.

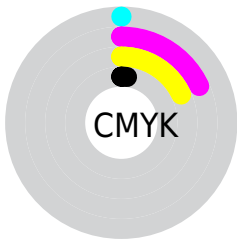
Distribution



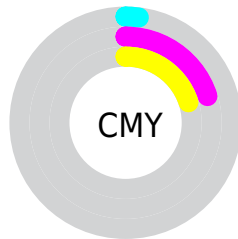
- Red (98%)
- Green (80%)
- Blue (80%)



- Red (98%)
- Yellow (80%)
- Blue (80%)



- Cyan (0%)
- Magenta (18%)
- Yellow (18%)
- Black (2%)





- Cyan (2%)
- Magenta (20%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.2112, 0.3481, 0.3281 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 67.2112, 0.3481, 0.3281 by changing the saturation by 10% instead.


 67.2112, 0.3481,
0.3281

 67.2112, 0.3481,
0.3281

450.6962, 0.3314,
0.3287

 49.2563, 0.3520,
0.3279

115.2230, 0.3422,
0.3284

 34.8228, 0.3569,
0.3276

146.0486, 0.3400,
0.3285

 23.5264, 0.3631,
0.3272


181.9333, 0.3380,
0.3285

 14.9827, 0.3714,
0.3267

223.2615, 0.3363,
0.3286

 8.8072, 0.3830,
0.3257

270.4174, 0.3349,
0.3286

 4.6157, 0.4001,
0.3240


323.7856, 0.3336,

 2.0236, 0.4281,


0.3287


0.3206


383.7504, 0.3324,
0.3287


 0.6211, 0.5252,
0.3267


 0.0000, 0.0000,
0.0000


 67.2112, 0.3481,
0.3281


 67.2112, 0.3481,
0.3281


 55.3033, 0.3744,
0.3276


 81.1963, 0.3271,
0.3286

 45.3651, 0.4068,
0.3271

 97.3413, 0.3104,
0.3291

 37.2932, 0.4460,
0.3268

 98.8715, 0.3090,
0.3290

 30.9711, 0.4911,
0.3266

■ 26.2692, 0.5391,
0.3267

■ 23.0403, 0.5840,
0.3273

■ 21.1102, 0.6182,
0.3282

■ 20.2350, 0.6367,
0.3291

■ 20.1429, 0.6386,
0.3291

Harmonies

Analogous

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



67.2112, 0.3312, 0.3109



67.2112, 0.3481, 0.3281



67.2112, 0.3552, 0.3461

Triad

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



67.2112, 0.3481, 0.3281



67.2112, 0.3146, 0.3625



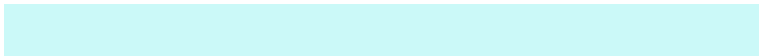
67.2112, 0.2760, 0.2970

Complementary

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



67.2112, 0.3481, 0.3281



87.2009, 0.2854, 0.3299

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.



67.2112, 0.2720, 0.3096



67.2112, 0.3481, 0.3281



67.2112, 0.2938, 0.3481

Square

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



67.2112, 0.3481, 0.3281



67.2112, 0.3354, 0.3669



67.2112, 0.2784, 0.3284



67.2112, 0.2896, 0.2932

Rectangle

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



67.2112, 0.3481, 0.3281



67.2112, 0.3533, 0.3564



67.2112, 0.2784, 0.3284



67.2112, 0.2735, 0.3003

Sweetspot

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



67.2142, 0.3481, 0.3281



89.6961, 0.3227, 0.3287



69.4120, 0.3137, 0.2830



18.9694, 0.3238, 0.3287



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

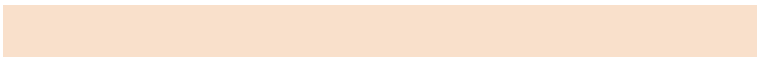
The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.2142, 0.3481, 0.3281



66.2343, 0.3568, 0.3279



78.0031, 0.3449, 0.3511



17.2311, 0.3291, 0.3286



10.7891, 0.6379, 0.3288



1.0013, 0.6326, 0.3259

Inverse Universe

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



67.2142, 0.3481, 0.3281



66.2343, 0.3568, 0.3279



74.7606, 0.2836, 0.3058



17.2311, 0.3291, 0.3286



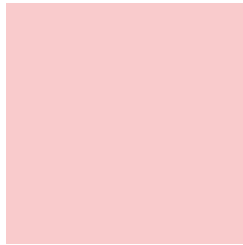
10.7891, 0.6379, 0.3288



1.0013, 0.6326, 0.3259

Previews

White Background



This preview shows how the Yxy color 67.2112, 0.3481, 0.3281 looks on a white background.

Color Contrast Check

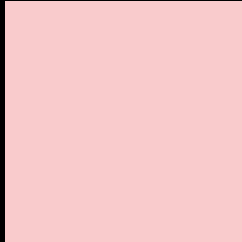
Large Text (above 18pt) WCAG AA × Fail

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 67.2112, 0.3481, 0.3281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

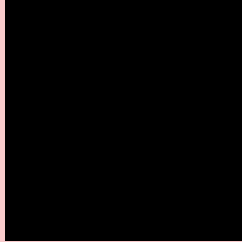
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.2112, 0.3481, 0.3281

Background



This preview shows how black text looks on a background with the Yxy color 67.2112, 0.3481, 0.3281.

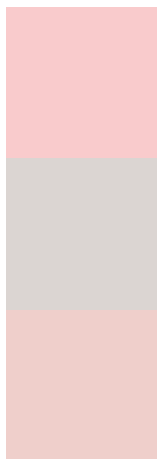


This preview shows how white text looks on a background with the Yxy color 67.2112, 0.3481, 0.3281.

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

67.2112, 0.3481, 0.3281

Protanopia

67.3017, 0.3192, 0.3324

Deuteranopia

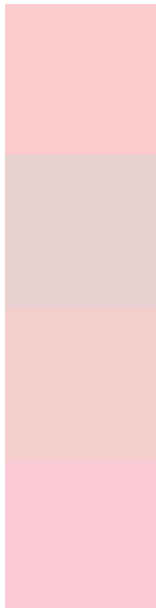
67.2882, 0.3403, 0.3334



Tritanopia

67.2923, 0.3400, 0.3126

Trichromacy



Original Color

67.2112, 0.3481, 0.3281

Protanomaly

66.9780, 0.3294, 0.3301

Deuteranomaly

67.5091, 0.3436, 0.3323

Tritanomaly

67.3185, 0.3429, 0.3187

Monochromacy



Original Color

67.2112, 0.3481, 0.3281

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

68.4984, 0.3254, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.2112, 0.3481, 0.3281 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(249, 203, 204)` looks like.

```
.text, #text, p{  
    color:rgb(249, 203, 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(249, 203, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 203, 204) }
```

Border

The CSS property to change the border of an element to Yxy 67.2112, 0.3481, 0.3281 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(249, 203, 204) }
```

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

```
.border{ border-color:rgb(249, 203, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 203, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 203, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 203, 204);  
box-shadow:4px 4px 4px 4px rgb(249, 203,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 67.2112, 0.3481, 0.3281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 203, 204) }
```

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

```
.background{ background-color: rgb(249,  
203, 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](#).

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