

Converting Colors

Yxy(67.8846, 0.3310, 0.3134)

Have a look what the booklet for
Yxy(67.8846, 0.3310, 0.3134)
contains.

Yxy(67.8846, 0.3310, 0.3134)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(67.8846, 0.3310, 0.3134)

Conversions

Conversions Part 1

Format	Color
Hex	F3CDDC
RGB	243, 205, 220
RGB Percent	95%, 80%, 86%
CMY	0.0473, 0.1960, 0.1373
CMYK	0.00, 0.16, 0.09, 0.05
HSL	336°, 61%, 88%
HSV	336°, 16%, 95%
XYZ	71.6969, 67.8846, 77.0254
YIQ	218.0720, 17.8330, 12.7210

Conversions

Conversions Part 2

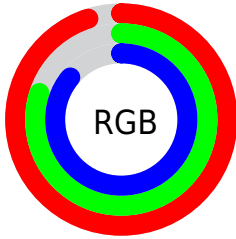
Format	Color
R _Y B	243, 205, 220
Decimal	15977948
CIE Lab	85.95, 15.72, -2.43
CIE LCh	86, 15.906, 351.205
Yxy	67.8846, 0.3310, 0.3134
Android (android.graphics.Color)	4294168028 (0xFFFF3CDDC)
YUV	218.0720, 0.9505, 21.8619
Hunter-Lab	82.3921, 11.1429, 2.2464

Details

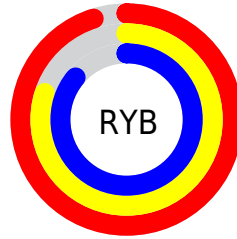
The Yxy color **67.8846, 0.3310, 0.3134** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.6540, 0.2974, 0.3452**, and the grayscale version is **70.1457, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.4146, 0.3359, 0.3102** is the 20% darker color. If you saturate the color by 10%, you get **56.4056, 0.3460, 0.3028**, and if you desaturate by 10%, it is **81.2429, 0.3186, 0.3236**.

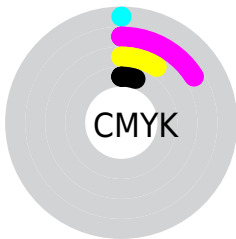
Distribution



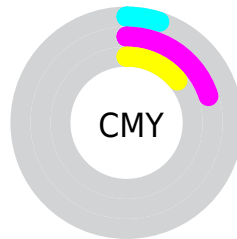
- Red (95%)
- Green (80%)
- Blue (86%)



- Red (95%)
- Yellow (80%)
- Blue (86%)



- Cyan (0%)
- Magenta (16%)
- Yellow (9%)
- Black (5%)





- Cyan (5%)
- Magenta (20%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.8846, 0.3310, 0.3134 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 67.8846, 0.3310, 0.3134 by changing the saturation by 10% instead.


 67.8846, 0.3310,
0.3134

 67.8846, 0.3310,
0.3134


453.0870, 0.3225,
0.3206

 49.8039, 0.3330,
0.3117


116.1870, 0.3280,
0.3159

 35.2576, 0.3354,
0.3097


147.1775, 0.3269,
0.3169

 23.8614, 0.3385,
0.3071


183.2401, 0.3259,
0.3177

 15.2308, 0.3426,
0.3036

224.7590, 0.3250,
0.3185

 8.9815, 0.3483,
0.2990

272.1188, 0.3243,
0.3191

 4.7291, 0.3566,
0.2921

325.7038, 0.3236,

 2.0892, 0.3699,

0.3197

0.2814

385.8984, 0.3230,
0.3202

0.6586, 0.3978,
0.2566

0.0000, 0.0000,
0.0000

67.8846, 0.3310,
0.3134

67.8846, 0.3310,
0.3134

56.4056, 0.3460,
0.3028

81.2429, 0.3186,
0.3236

46.7120, 0.3642,
0.2920

96.5509, 0.3085,
0.3331

38.7157, 0.3859,
0.2817

97.7855, 0.3053,
0.3290

32.3170, 0.4112,
0.2727

■ 27.4060, 0.4399,
0.2661

■ 23.8586, 0.4709,
0.2633

■ 21.5303, 0.5024,
0.2654

■ 20.2428, 0.5320,
0.2728

■ 19.8874, 0.5443,
0.2772

Harmonies

Analogous

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



67.8846, 0.3114, 0.3014



67.8846, 0.3310, 0.3134



67.8846, 0.3459, 0.3295

Triad

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



67.8846, 0.3310, 0.3134



67.8846, 0.3323, 0.3637



67.8846, 0.2753, 0.3103

Complementary

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



67.8846, 0.3310, 0.3134



82.6540, 0.2974, 0.3452

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.



67.8846, 0.2805, 0.3271



67.8846, 0.3310, 0.3134



67.8846, 0.3131, 0.3589

Square

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



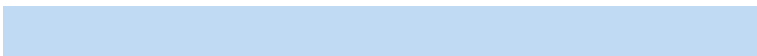
67.8846, 0.3310, 0.3134



67.8846, 0.3466, 0.3586



67.8846, 0.2942, 0.3453



67.8846, 0.2797, 0.2992

Rectangle

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



67.8846, 0.3310, 0.3134



67.8846, 0.3509, 0.3406



67.8846, 0.2942, 0.3453



67.8846, 0.2760, 0.3154

Sweetspot

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



67.8876, 0.3310, 0.3134



91.6459, 0.3180, 0.3242



66.6013, 0.3035, 0.2890



19.3742, 0.3188, 0.3235



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.



67.8876, 0.3310, 0.3134



71.1406, 0.3358, 0.3098



68.9667, 0.3416, 0.3331



16.5908, 0.3231, 0.3197



10.9449, 0.5402, 0.2749



0.9816, 0.5068, 0.2566

Inverse Universe

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



67.8876, 0.3310, 0.3134



71.1406, 0.3358, 0.3098



81.2754, 0.2889, 0.3249



16.5908, 0.3231, 0.3197



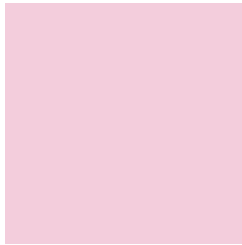
10.9449, 0.5402, 0.2749



0.9816, 0.5068, 0.2566

Previews

White Background



This preview shows how the Yxy color 67.8846, 0.3310, 0.3134 looks on a white background.

Color Contrast Check

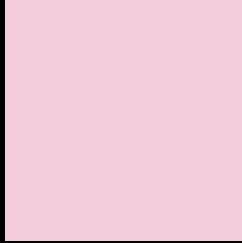
Large Text (above 18pt) WCAG AA × Fail

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 67.8846, 0.3310, 0.3134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

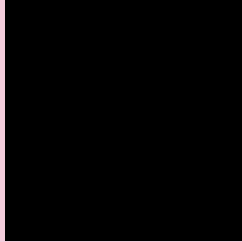
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.8846, 0.3310, 0.3134

Background



This preview shows how black text looks on a background with the Yxy color 67.8846, 0.3310, 0.3134.



This preview shows how white text looks on a background with the Yxy color 67.8846, 0.3310, 0.3134.

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

67.8846, 0.3310, 0.3134

Protanopia

68.1283, 0.3068, 0.3169

Deuteranopia

67.7186, 0.3246, 0.3173



Tritanopia

67.9378, 0.3303, 0.3123

Trichromacy



Original Color

67.8846, 0.3310, 0.3134

Protanomaly

68.0850, 0.3155, 0.3160

Deuteranomaly

67.7446, 0.3270, 0.3163

Tritanomaly

67.9378, 0.3303, 0.3123

Monochromacy



Original Color

67.8846, 0.3310, 0.3134

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

69.0339, 0.3189, 0.3225

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.8846, 0.3310, 0.3134 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(243, 205, 220)` looks like.

```
.text, #text, p{  
    color:rgb(243, 205, 220)  
}
```

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(243, 205, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 205, 220) }
```

Border

The CSS property to change the border of an element to Yxy 67.8846, 0.3310, 0.3134 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(243, 205, 220) }
```

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

```
.border{ border-color:rgb(243, 205, 220) }
```

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

Here you see how a box with a 4 pixel rgb(243, 205, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 205, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 205, 220);  
box-shadow:4px 4px 4px 4px rgb(243, 205,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 67.8846, 0.3310, 0.3134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 205, 220) }
```

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

```
.background{ background-color: rgb(243,  
205, 220) }
```

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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