

Converting Colors

$Yxy(68.8404, 0.3484, 0.3418)$

Have a look what the booklet for
Yxy(68.8404, 0.3484, 0.3418)
contains.

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Color

Yxy(68.8652, 0.3484, 0.3418)

Conversions

Conversions Part 1

Format	Color
Hex	F4D1C5
RGB	244, 209, 197
RGB Percent	96%, 82%, 77%
CMY	0.0430, 0.1804, 0.2274
CMYK	0.00, 0.14, 0.19, 0.04
HSL	15°, 68%, 86%
HSV	15°, 19%, 96%
XYZ	70.1950, 68.8652, 62.4179
YIQ	218.0970, 24.7120, 3.6880

Conversions

Conversions Part 2

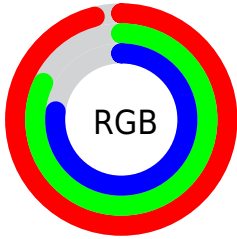
Format	Color
RYB	244, 213, 197
Decimal	16044485
CIELab	86.44, 10.41, 10.47
CIElCh	86, 14.769, 45.169
Yxy	68.8652, 0.3484, 0.3418
Android (android.graphics.Color)	4294234565 (0xFFFF4D1C5)
YUV	218.0970, -10.4008, 22.7169
Hunter-Lab	82.9851, 5.7648, 13.4941

Details

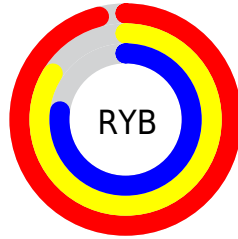
The Yxy color **68.8652, 0.3484, 0.3418** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.1414, 0.2830, 0.3158**, and the grayscale version is **70.2456, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **35.9907, 0.3570, 0.3456** is the 20% darker color. If you saturate the color by 10%, you get **59.4205, 0.3724, 0.3489**, and if you desaturate by 10%, it is **79.5154, 0.3283, 0.3350**.

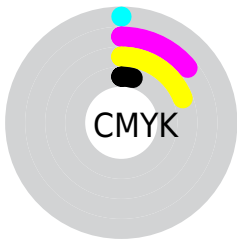
Distribution



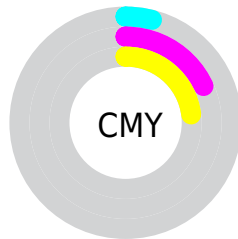
- Red (96%)
- Green (82%)
- Blue (77%)



- Red (96%)
- Yellow (84%)
- Blue (77%)



- Cyan (0%)
- Magenta (14%)
- Yellow (19%)
- Black (4%)





- Cyan (4%)
- Magenta (18%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.8652, 0.3484, 0.3418 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 68.8652, 0.3484, 0.3418 by changing the saturation by 10% instead.


 68.8652, 0.3484,
0.3418

 68.8652, 0.3484,
0.3418


456.5554, 0.3316,
0.3361

 50.6019, 0.3523,
0.3431


117.5890, 0.3425,
0.3398

 35.8919, 0.3572,
0.3446


148.8184, 0.3402,
0.3391

 24.3507, 0.3634,
0.3465


185.1385, 0.3383,
0.3384

 15.5940, 0.3716,
0.3489

226.9339, 0.3366,
0.3378

 9.2373, 0.3830,
0.3520

274.5889, 0.3351,
0.3373

 4.8963, 0.3998,
0.3562

328.4879, 0.3338,

 2.1865, 0.4266,

0.3368

0.3619

389.0152, 0.3326,
0.3364

0.7126, 0.5528,
0.4214

0.0000, 0.0000,
0.0000

68.8652, 0.3484,
0.3418

68.8652, 0.3484,
0.3418

59.4205, 0.3724,
0.3489

79.5154, 0.3283,
0.3350

51.1291, 0.4007,
0.3560

91.4022, 0.3116,
0.3286

43.9487, 0.4337,
0.3625

97.9787, 0.3060,
0.3290

37.8311, 0.4706,
0.3676

■ 32.7239, 0.5099,
0.3702

■ 28.5703, 0.5486,
0.3692

■ 25.3071, 0.5824,
0.3639

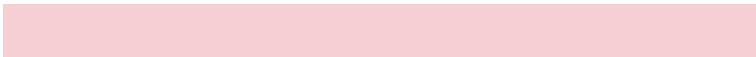
■ 22.8580, 0.6078,
0.3550

■ 22.7075, 0.6094,
0.3543

Harmonies

Analogous

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



68.8652, 0.3412, 0.3263



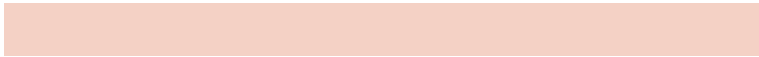
68.8652, 0.3484, 0.3418



68.8652, 0.3457, 0.3545

Triad

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



68.8652, 0.3484, 0.3418



68.8652, 0.2989, 0.3470



68.8652, 0.2912, 0.2985

Complementary

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



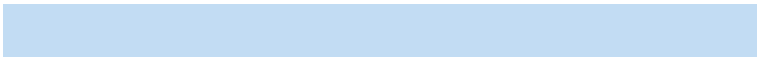
68.8652, 0.3484, 0.3418



76.1414, 0.2830, 0.3158

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.



68.8652, 0.2806, 0.3029



68.8652, 0.3484, 0.3418



68.8652, 0.2849, 0.3308

Square

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



68.8652, 0.3484, 0.3418



68.8652, 0.3168, 0.3582



68.8652, 0.2783, 0.3146



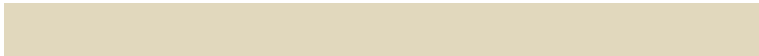
68.8652, 0.3078, 0.3019

Rectangle

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



68.8652, 0.3484, 0.3418



68.8652, 0.3387, 0.3596



68.8652, 0.2783, 0.3146



68.8652, 0.2869, 0.2991

Sweetspot

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



68.8683, 0.3484, 0.3418



91.9948, 0.3225, 0.3328



65.0152, 0.3235, 0.2926



19.5107, 0.3237, 0.3332



0.0000, 0.0000, 0.0000



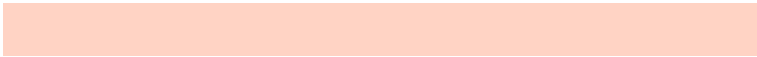
21.4041, 0.3127, 0.3290

Same Dimension

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



68.8683, 0.3484, 0.3418



72.0007, 0.3570, 0.3445



81.1382, 0.3439, 0.3656



17.1691, 0.3287, 0.3351



12.5278, 0.6067, 0.3565



1.2595, 0.5825, 0.3757

Inverse Universe

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



76.1414, 0.2830, 0.3158



81.3507, 0.2773, 0.3130



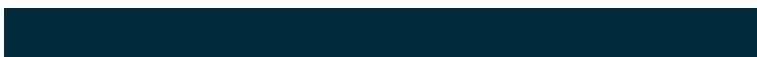
63.8885, 0.2814, 0.2895



18.0006, 0.2980, 0.3228



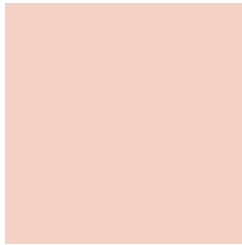
21.9274, 0.2012, 0.2441



2.0910, 0.2045, 0.2560

Previews

White Background



This preview shows how the Yxy color 68.8652, 0.3484, 0.3418 looks on a white background.

Color Contrast Check

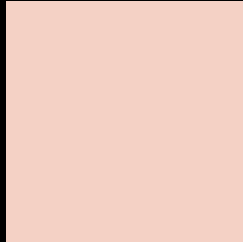
Large Text (above 18pt) WCAG AA × Fail

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 68.8652, 0.3484, 0.3418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

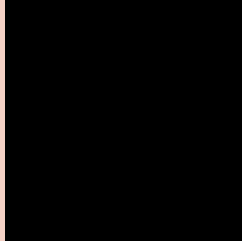
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.8652, 0.3484, 0.3418

Background



This preview shows how black text looks on a background with the Yxy color 68.8652, 0.3484, 0.3418.



This preview shows how white text looks on a background with the Yxy color 68.8652, 0.3484, 0.3418.

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

68.8652, 0.3484, 0.3418

Protanopia

69.1761, 0.3289, 0.3456

Deuteranopia

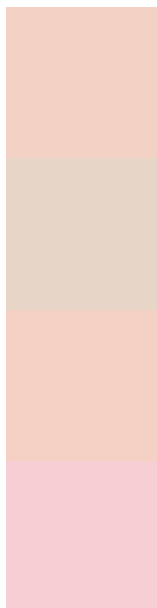
69.0446, 0.3492, 0.3418



Tritanopia

68.6573, 0.3334, 0.3125

Trichromacy



Original Color

68.8652, 0.3484, 0.3418

Protanomaly

68.7476, 0.3354, 0.3432

Deuteranomaly

69.0446, 0.3492, 0.3418

Tritanomaly

68.4889, 0.3392, 0.3228

Monochromacy



Original Color

68.8652, 0.3484, 0.3418

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

69.5849, 0.3250, 0.3345

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.8652, 0.3484, 0.3418 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(244, 209, 197)` looks like.

```
.text, #text, p{  
    color:rgb(244, 209, 197)  
}
```

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(244, 209, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 209, 197) }
```

Border

The CSS property to change the border of an element to Yxy 68.8652, 0.3484, 0.3418 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(244, 209, 197) }
```

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

```
.border{ border-color:rgb(244, 209, 197) }
```

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

Here you see how a box with a 4 pixel rgb(244, 209, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 209, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 209, 197);  
box-shadow:4px 4px 4px 4px rgb(244, 209,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 68.8652, 0.3484, 0.3418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 209, 197) }
```

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

```
.background{ background-color: rgb(244,  
209, 197) }
```

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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