

Converting Colors

$Yxy(64.3567, 0.3686, 0.3683)$

Have a look what the booklet for
Yxy(64.3567, 0.3686, 0.3683)
contains.

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Color

Yxy(64.5381, 0.3686, 0.3683)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F0CCA8 |
| RGB | 240, 204, 168 |
| RGB Percent | 94%, 80%, 66% |
| CMY | 0.0589, 0.1999, 0.3411 |
| CMYK | 0.00, 0.15, 0.30, 0.06 |
| HSL | 30°, 71%, 80% |
| HSV | 30°, 30%, 94% |
| XYZ | 64.5907, 64.5381, 46.1036 |
| YIQ | 210.6600, 33.0120, -3.5640 |

Conversions

Conversions Part 2

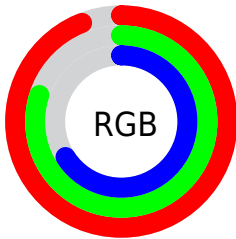
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 240, 240, 168 |
| Decimal | 15781032 |
| CIE Lab | 84.25, 7.50, 22.65 |
| CIE LCh | 84, 23.862, 71.686 |
| Yxy | 64.5381, 0.3686, 0.3683 |
| Android (android.graphics.Color) | 4293971112 (0xFFFF0CCA8) |
| YUV | 210.6600, -21.0314, 25.7312 |
| Hunter-Lab | 80.3356, 2.9286, 22.2091 |

Details

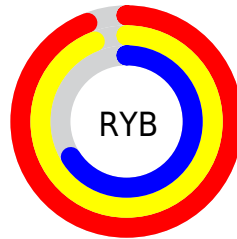
The Yxy color **64.5381, 0.3686, 0.3683** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **57.7897, 0.2647, 0.2861**, and the grayscale version is **65.0312, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1077, 0.3315, 0.3601**, and **33.1409, 0.3822, 0.3771** is the 20% darker color. If you saturate the color by 10%, you get **58.2440, 0.3921, 0.3818**, and if you desaturate by 10%, it is **71.4422, 0.3475, 0.3547**.

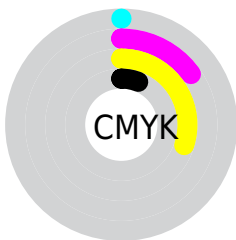
Distribution



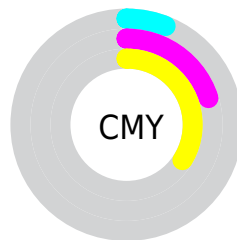
- Red (94%)
- Green (80%)
- Blue (66%)



- Red (94%)
- Yellow (94%)
- Blue (66%)



- Cyan (0%)
- Magenta (15%)
- Yellow (30%)
- Black (6%)





- Cyan (6%)
- Magenta (20%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.5381, 0.3686, 0.3683 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 64.5381, 0.3686, 0.3683 by changing the saturation by 10% instead.


 64.5381, 0.3686,
0.3683

 64.5381, 0.3686,
0.3683


441.1302, 0.3421,
0.3502

 47.0866, 0.3748,
0.3724

 111.3855, 0.3593,
0.3621

 33.1042, 0.3824,
0.3773


 141.5503, 0.3557,
0.3596

 22.2062, 0.3922,
0.3835


176.7216, 0.3526,
0.3575

 14.0085, 0.4051,
0.3913

217.2838, 0.3500,
0.3557

 8.1266, 0.4225,
0.4014

263.6214, 0.3476,
0.3541

 4.1761, 0.4474,
0.4146

316.1188, 0.3456,

 1.7725, 0.5111,

0.3527

0.4547

375.1602, 0.3437,
0.3514

0.4700, 0.5726,
0.4274

0.0000, 0.0000,
0.0000

64.5381, 0.3686,
0.3683

64.5381, 0.3686,
0.3683

58.2440, 0.3921,
0.3818

71.4422, 0.3475,
0.3547

52.5320, 0.4179,
0.3945

78.9653, 0.3290,
0.3415

47.3850, 0.4452,
0.4053

87.1274, 0.3127,
0.3290

42.7813, 0.4730,
0.4130

95.3512, 0.3036,
0.3260

■ 38.6972, 0.4996,
0.4163

■ 97.2611, 0.3035,
0.3290

■ 35.1061, 0.5233,
0.4142

■ 31.9705, 0.5430,
0.4070

■ 31.9670, 0.5430,
0.4070

Harmonies

Analogous

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



64.5381, 0.3715, 0.3462



64.5381, 0.3686, 0.3683



64.5381, 0.3503, 0.3812

Triad

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



64.5381, 0.3686, 0.3683



64.5381, 0.2693, 0.3348



64.5381, 0.3008, 0.2840

Complementary

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



64.5381, 0.3686, 0.3683



57.7897, 0.2647, 0.2861

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.



64.5381, 0.2748, 0.2797



64.5381, 0.3686, 0.3683



64.5381, 0.2574, 0.3072

Square

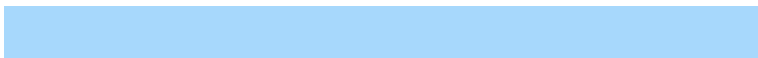
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



64.5381, 0.3686, 0.3683



64.5381, 0.2928, 0.3621



64.5381, 0.2593, 0.2876



64.5381, 0.3312, 0.2990

Rectangle

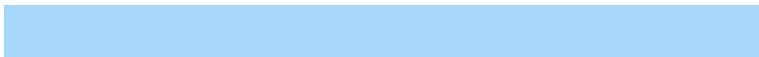
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



64.5381, 0.3686, 0.3683



64.5381, 0.3323, 0.3819



64.5381, 0.2593, 0.2876



64.5381, 0.2913, 0.2813

Sweetspot

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



64.5411, 0.3686, 0.3683



91.5087, 0.3273, 0.3403



50.8902, 0.3467, 0.2900



19.3049, 0.3298, 0.3421



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.



64.5411, 0.3686, 0.3683



69.5738, 0.3827, 0.3766



83.6550, 0.3580, 0.4039



17.0654, 0.3281, 0.3408



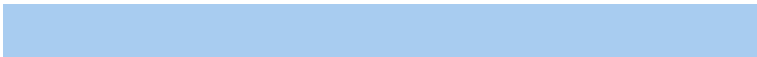
17.7694, 0.5406, 0.4090



1.6772, 0.5203, 0.4250

Inverse Universe

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



57.7897, 0.2647, 0.2861



60.6654, 0.2546, 0.2757



42.6257, 0.2596, 0.2412



16.5339, 0.2980, 0.3169



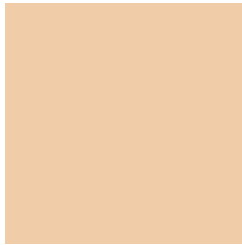
11.0550, 0.1772, 0.1578



1.1187, 0.1838, 0.1816

Previews

White Background



This preview shows how the Yxy color 64.5381, 0.3686, 0.3683 looks on a white background.

Color Contrast Check

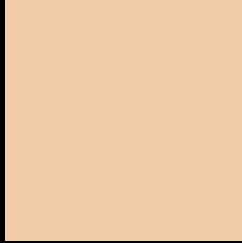
Large Text (above 18pt) WCAG AA × Fail

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 64.5381, 0.3686, 0.3683 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 64.5381, 0.3686, 0.3683

Background



This preview shows how black text looks on a background with the Yxy color 64.5381, 0.3686, 0.3683.



This preview shows how white text looks on a background with the Yxy color 64.5381, 0.3686, 0.3683.

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

64.5381, 0.3686, 0.3683

Protanopia

64.7214, 0.3509, 0.3733

Deuteranopia

64.4807, 0.3734, 0.3656



Tritanopia

64.6047, 0.3388, 0.3133

Trichromacy



Original Color

64.5381, 0.3686, 0.3683

Protanomaly

64.6720, 0.3570, 0.3716

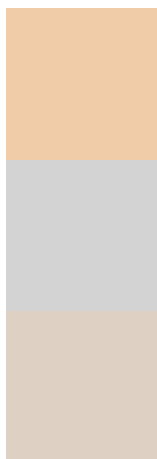
Deuteranomaly

64.5937, 0.3714, 0.3669

Tritanomaly

64.3945, 0.3493, 0.3323

Monochromacy



Original Color

64.5381, 0.3686, 0.3683

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.5815, 0.3328, 0.3437

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.5381, 0.3686, 0.3683 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, 168)` looks like.

```
.text, #text, p{  
    color:rgb(240, 204, 168)  
}
```

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, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 204, 168) }
```

Border

The CSS property to change the border of an element to Yxy 64.5381, 0.3686, 0.3683 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, 168) }
```

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

```
.border{ border-color:rgb(240, 204, 168) }
```

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, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 204, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 204, 168);  
box-shadow:4px 4px 4px 4px rgb(240, 204,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 64.5381, 0.3686, 0.3683 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, 168) }
```

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

```
.background{ background-color: rgb(240,  
204, 168) }
```

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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