

Converting Colors

$Yxy(64.3604, 0.3709, 0.3480)$

Have a look what the booklet for
Yxy(64.3604, 0.3709, 0.3480)
contains.

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Color

Yxy(64.3789, 0.3708, 0.3481)

Conversions

Conversions Part 1

Format	Color
Hex	FCC6B4
RGB	252, 198, 180
RGB Percent	99%, 78%, 71%
CMY	0.0118, 0.2235, 0.2941
CMYK	0.00, 0.21, 0.29, 0.01
HSL	15°, 92%, 85%
HSV	15°, 29%, 99%
XYZ	68.5771, 64.3789, 51.9877
YIQ	212.0940, 37.9620, 5.8500

Conversions

Conversions Part 2

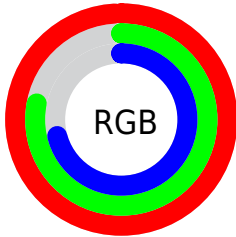
Format	Color
R _Y B	252, 204, 180
Decimal	16565940
CIE Lab	84.16, 16.72, 16.38
CIE LCh	84, 23.402, 44.409
Yxy	64.3789, 0.3708, 0.3481
Android (android.graphics.Color)	4294756020 (0xFFFC6B4)
YUV	212.0940, -15.8223, 34.9976
Hunter-Lab	80.2365, 12.1480, 17.7497

Details

The Yxy color **64.3789, 0.3708, 0.3481** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.5708, 0.2691, 0.3090**, and the grayscale version is **65.9939, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8361, 0.3238, 0.3473**, and **32.9482, 0.3854, 0.3522** is the 20% darker color. If you saturate the color by 10%, you get **55.3397, 0.3990, 0.3551**, and if you desaturate by 10%, it is **74.6886, 0.3470, 0.3411**.

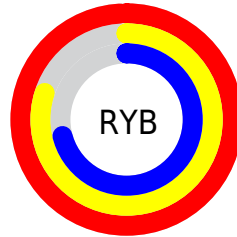
Distribution



Red (99%)

Green (78%)

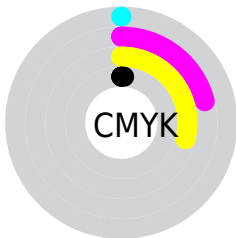
Blue (71%)



Red (99%)

Yellow (80%)

Blue (71%)

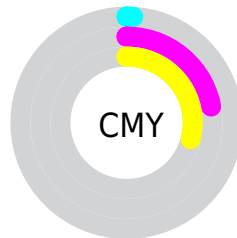


Cyan (0%)

Magenta (21%)

Yellow (29%)

Black (1%)



Cyan (1%)


Magenta (22%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.3789, 0.3708, 0.3481 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 64.3789, 0.3708, 0.3481 by changing the saturation by 10% instead.


 64.3789, 0.3708,
0.3481

 64.3789, 0.3708,
0.3481


440.5566, 0.3431,
0.3397

 46.9576, 0.3773,
0.3499


 111.1564, 0.3610,
0.3453

 33.0022, 0.3855,
0.3520


141.2815, 0.3573,
0.3442

 22.1281, 0.3960,
0.3545


176.4099, 0.3540,
0.3432

 13.9511, 0.4099,
0.3576

216.9261, 0.3513,
0.3423

 8.0866, 0.4293,
0.3612

263.2145, 0.3488,
0.3416

 4.1504, 0.4577,
0.3652

315.6595, 0.3467,

 1.7581, 0.5086,

0.3409

0.3723

374.6454, 0.3448,
0.3403

0.4608, 0.6474,
0.3526

0.0000, 0.0000,
0.0000

64.3789, 0.3708,
0.3481

64.3789, 0.3708,
0.3481

55.3397, 0.3990,
0.3551

74.6886, 0.3470,
0.3411

47.5122, 0.4319,
0.3615

86.3066, 0.3271,
0.3344

40.8466, 0.4688,
0.3666

99.2420, 0.3109,
0.3287

35.2856, 0.5084,
0.3693

99.4359, 0.3109,
0.3290

■ 30.7671, 0.5475,
0.3685

■ 27.2220, 0.5818,
0.3634

■ 24.5688, 0.6075,
0.3546

■ 24.2550, 0.6107,
0.3533

Harmonies

Analogous

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



64.3789, 0.3586, 0.3236



64.3789, 0.3708, 0.3481



64.3789, 0.3665, 0.3692

Triad

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



64.3789, 0.3708, 0.3481



64.3789, 0.2907, 0.3593



64.3789, 0.2775, 0.2804

Complementary

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



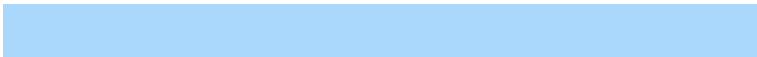
64.3789, 0.3708, 0.3481



75.5708, 0.2691, 0.3090

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.



64.3789, 0.2612, 0.2871



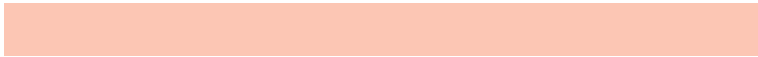
64.3789, 0.3708, 0.3481



64.3789, 0.2685, 0.3321

Square

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



64.3789, 0.3708, 0.3481



64.3789, 0.3196, 0.3776



64.3789, 0.2579, 0.3055



64.3789, 0.3037, 0.2858

Rectangle

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



64.3789, 0.3708, 0.3481



64.3789, 0.3551, 0.3783



64.3789, 0.2579, 0.3055



64.3789, 0.2707, 0.2813

Sweetspot

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



64.3819, 0.3708, 0.3481



88.1164, 0.3279, 0.3347



59.2763, 0.3300, 0.2743



18.4722, 0.3306, 0.3356



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.



64.3819, 0.3708, 0.3481



60.9198, 0.3856, 0.3519



82.8367, 0.3607, 0.3840



17.9305, 0.3288, 0.3350



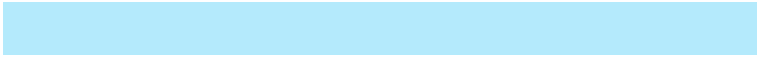
12.8297, 0.6079, 0.3555



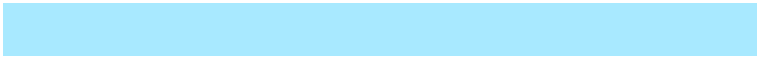
1.3489, 0.5851, 0.3737

Inverse Universe

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



75.5708, 0.2691, 0.3090



74.0327, 0.2612, 0.3046



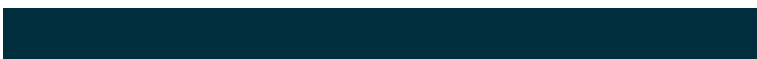
57.1172, 0.2646, 0.2671



18.8301, 0.2980, 0.3229



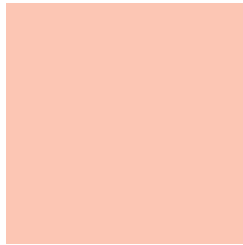
22.8580, 0.2016, 0.2458



2.2846, 0.2047, 0.2569

Previews

White Background



This preview shows how the Yxy color 64.3789, 0.3708, 0.3481 looks on a white background.

Color Contrast Check

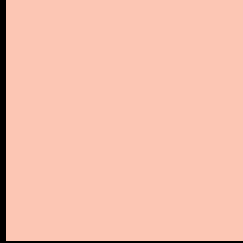
Large Text (above 18pt) WCAG AA × Fail

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 64.3789, 0.3708, 0.3481 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 64.3789, 0.3708, 0.3481

Background



This preview shows how black text looks on a background with the Yxy color 64.3789, 0.3708, 0.3481.



This preview shows how white text looks on a background with the Yxy color 64.3789, 0.3708, 0.3481.

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

64.3789, 0.3708, 0.3481

Protanopia

64.8540, 0.3375, 0.3563

Deuteranopia

64.3730, 0.3623, 0.3540



Tritanopia

64.4470, 0.3506, 0.3137

Trichromacy



Original Color

64.3789, 0.3708, 0.3481

Protanomaly

64.7591, 0.3493, 0.3534

Deuteranomaly

64.6208, 0.3658, 0.3527

Tritanomaly

64.1783, 0.3585, 0.3260

Monochromacy



Original Color

64.3789, 0.3708, 0.3481

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.1267, 0.3331, 0.3368

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.3789, 0.3708, 0.3481 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(252, 198, 180)` looks like.

```
.text, #text, p{  
    color:rgb(252, 198, 180)  
}
```

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(252, 198, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 198, 180) }
```

Border

The CSS property to change the border of an element to Yxy 64.3789, 0.3708, 0.3481 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(252, 198, 180) }
```

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

```
.border{ border-color:rgb(252, 198, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 198, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 198, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 198, 180);  
box-shadow:4px 4px 4px 4px rgb(252, 198,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 64.3789, 0.3708, 0.3481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 198, 180) }
```

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

```
.background{ background-color: rgb(252,  
198, 180) }
```

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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