

Converting Colors

$Yxy(64.6107, 0.3715, 0.3481)$

Have a look what the booklet for
Yxy(64.6107, 0.3715, 0.3481)
contains.

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Color

Yxy(64.5661, 0.3716, 0.3480)

Conversions

Conversions Part 1

Format	Color
Hex	FDC6B4
RGB	253, 198, 180
RGB Percent	99%, 78%, 71%
CMY	0.0078, 0.2235, 0.2940
CMYK	0.00, 0.22, 0.29, 0.01
HSL	15°, 95%, 85%
HSV	15°, 29%, 99%
XYZ	68.9447, 64.5661, 52.0239
YIQ	212.3930, 38.5580, 6.0620

Conversions

Conversions Part 2

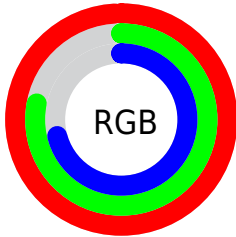
Format	Color
R _Y B	253, 204, 180
Decimal	16631476
CIE Lab	84.26, 17.10, 16.51
CIE LCh	84, 23.767, 43.990
Yxy	64.5661, 0.3716, 0.3480
Android (android.graphics.Color)	4294821556 (0xFFFD C6B4)
YUV	212.3930, -15.9697, 35.6123
Hunter-Lab	80.3530, 12.5392, 17.8603

Details

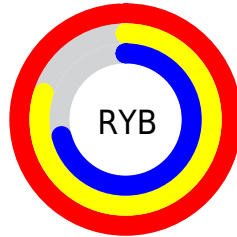
The Yxy color **64.5661, 0.3716, 0.3480** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.2373, 0.2687, 0.3091**, and the grayscale version is **66.2058, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8361, 0.3238, 0.3473**, and **33.0809, 0.3865, 0.3521** is the 20% darker color. If you saturate the color by 10%, you get **55.4538, 0.4000, 0.3549**, and if you desaturate by 10%, it is **74.9703, 0.3476, 0.3411**.

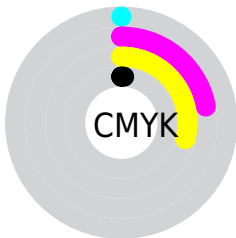
Distribution



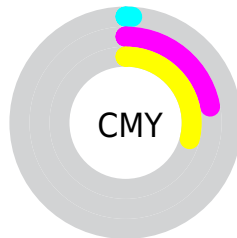
- Red (99%)
- Green (78%)
- Blue (71%)



- Red (99%)
- Yellow (80%)
- Blue (71%)



- Cyan (0%)
- Magenta (22%)
- Yellow (29%)
- Black (1%)





- Cyan (1%)
- Magenta (22%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.5661, 0.3716, 0.3480 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 64.5661, 0.3716, 0.3480 by changing the saturation by 10% instead.


 64.5661, 0.3716,
0.3480

 64.5661, 0.3716,
0.3480

441.2311, 0.3435,
0.3397

 47.1093, 0.3782,
0.3498


 111.4258, 0.3617,
0.3452

 33.1221, 0.3865,
0.3518


141.5975, 0.3579,
0.3441

 22.2200, 0.3971,
0.3543


176.7764, 0.3546,
0.3432

 14.0186, 0.4112,
0.3573

217.3467, 0.3518,
0.3423

 8.1336, 0.4307,
0.3608

263.6930, 0.3493,
0.3415

 4.1806, 0.4595,
0.3647


316.1995, 0.3472,

 1.7751, 0.5106,


0.3409


0.3712


375.2508, 0.3452,
0.3403


 0.4716, 0.6474,
0.3526


 0.0000, 0.0000,
0.0000

 64.5661, 0.3716,
0.3480


 64.5661, 0.3716,
0.3480

 55.4538, 0.4000,
0.3549


 74.9703, 0.3476,
0.3411

 47.5735, 0.4331,
0.3612

 86.7054, 0.3276,
0.3345

 40.8738, 0.4704,
0.3661

99.6241, 0.3115,
0.3290

 35.2961, 0.5101,
0.3687

■ 30.7766, 0.5493,
0.3677

■ 27.2443, 0.5835,
0.3625

■ 24.6148, 0.6090,
0.3536

■ 24.3624, 0.6115,
0.3526

Harmonies

Analogous

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



64.5661, 0.3590, 0.3231



64.5661, 0.3716, 0.3480



64.5661, 0.3675, 0.3695

Triad

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



64.5661, 0.3716, 0.3480



64.5661, 0.2908, 0.3601



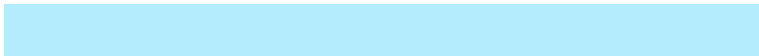
64.5661, 0.2767, 0.2798

Complementary

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



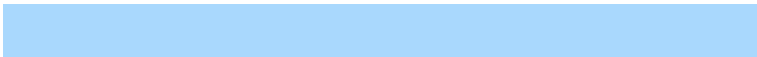
64.5661, 0.3716, 0.3480



76.2373, 0.2687, 0.3091

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.



64.5661, 0.2603, 0.2867



64.5661, 0.3716, 0.3480



64.5661, 0.2681, 0.3325

Square

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



64.5661, 0.3716, 0.3480



64.5661, 0.3201, 0.3785



64.5661, 0.2572, 0.3055



64.5661, 0.3031, 0.2850

Rectangle

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



64.5661, 0.3716, 0.3480



64.5661, 0.3560, 0.3789



64.5661, 0.2572, 0.3055



64.5661, 0.2699, 0.2807

Sweetspot

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



64.5691, 0.3716, 0.3480



88.0644, 0.3279, 0.3346



59.5937, 0.3292, 0.2726



18.4594, 0.3306, 0.3355



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.



64.5691, 0.3716, 0.3480



59.8541, 0.3886, 0.3523



82.7688, 0.3615, 0.3834



18.7135, 0.3288, 0.3349



13.1494, 0.6089, 0.3547



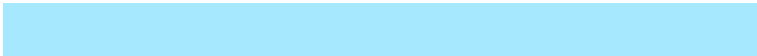
1.4433, 0.5872, 0.3719

Inverse Universe

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



76.2373, 0.2687, 0.3091



73.5905, 0.2598, 0.3041



57.8723, 0.2643, 0.2678



19.6791, 0.2980, 0.3230



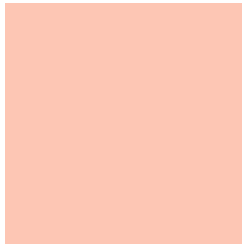
23.7662, 0.2020, 0.2471



2.4855, 0.2049, 0.2575

Previews

White Background



This preview shows how the Yxy color 64.5661, 0.3716, 0.3480 looks on a white background.

Color Contrast Check

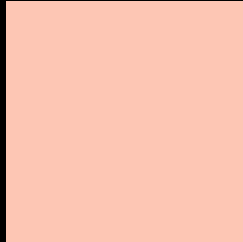
Large Text (above 18pt) WCAG AA × Fail

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 64.5661, 0.3716, 0.3480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

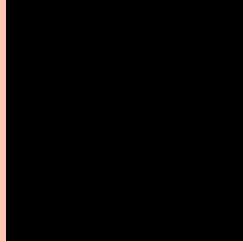
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.5661, 0.3716, 0.3480

Background



This preview shows how black text looks on a background with the Yxy color 64.5661, 0.3716, 0.3480.



This preview shows how white text looks on a background with the Yxy color 64.5661, 0.3716, 0.3480.

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

64.5661, 0.3716, 0.3480

Protanopia

64.8540, 0.3375, 0.3563

Deuteranopia

64.8438, 0.3620, 0.3550



Tritanopia

64.4470, 0.3506, 0.3137

Trichromacy



Original Color

64.5661, 0.3716, 0.3480

Protanomaly

64.7591, 0.3493, 0.3534

Deuteranomaly

64.6208, 0.3658, 0.3527

Tritanomaly

64.1783, 0.3585, 0.3260

Monochromacy



Original Color

64.5661, 0.3716, 0.3480

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 64.5661, 0.3716, 0.3480 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(253, 198, 180)` looks like.

```
.text, #text, p{  
    color:rgb(253, 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(253, 198, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 198, 180) }
```

Border

The CSS property to change the border of an element to Yxy 64.5661, 0.3716, 0.3480 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(253, 198, 180) }
```

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

```
.border{ border-color:rgb(253, 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(253, 198, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 198, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 198, 180);  
box-shadow:4px 4px 4px 4px rgb(253, 198,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 64.5661, 0.3716, 0.3480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 198, 180) }
```

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

```
.background{ background-color: rgb(253,  
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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