

Converting Colors

Yxy(65.7096, 0.3661, 0.3566)

Have a look what the booklet for
Yxy(65.7096, 0.3661, 0.3566)
contains.

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Color

Yxy(65.5191, 0.3660, 0.3558)

Conversions

Conversions Part 1

Format	Color
Hex	F6CBB2
RGB	246, 203, 178
RGB Percent	96%, 80%, 70%
CMY	0.0353, 0.2039, 0.3018
CMYK	0.00, 0.17, 0.28, 0.04
HSL	22°, 79%, 83%
HSV	22°, 28%, 96%
XYZ	67.3974, 65.5191, 51.2294
YIQ	213.0070, 33.6530, 1.3410

Conversions

Conversions Part 2

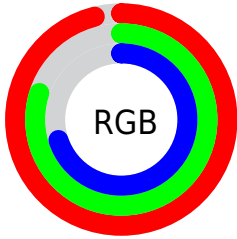
Format	Color
R _Y B	246, 218, 178
Decimal	16174002
CIE Lab	84.75, 11.60, 18.15
CIE LCh	85, 21.541, 57.428
Yxy	65.5191, 0.3660, 0.3558
Android (android.graphics.Color)	4294364082 (0xFFFF6CBB2)
YUV	213.0070, -17.2585, 28.9349
Hunter-Lab	80.9439, 6.9751, 19.1361

Details

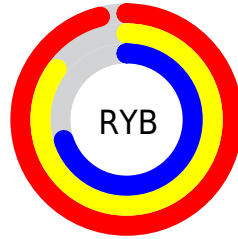
The Yxy color $65.5191, 0.3660, 0.3558$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $67.8415, 0.2696, 0.3005$, and the grayscale version is $66.6477, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.7205, 0.3250, 0.3493$, and $33.7944, 0.3799, 0.3623$ is the 20% darker color. If you saturate the color by 10%, you get $57.6369, 0.3915, 0.3660$, and if you desaturate by 10%, it is $74.3220, 0.3440, 0.3457$.

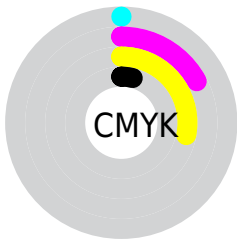
Distribution



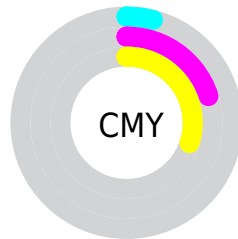
- Red (96%)
- Green (80%)
- Blue (70%)



- Red (96%)
- Yellow (85%)
- Blue (70%)



- Cyan (0%)
- Magenta (17%)
- Yellow (28%)
- Black (4%)





- Cyan (4%)
- Magenta (20%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.5191, 0.3660, 0.3558 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 65.5191, 0.3660, 0.3558 by changing the saturation by 10% instead.


 65.5191, 0.3660,
0.3558

 65.5191, 0.3660,
0.3558


444.6550, 0.3407,
0.3437

 47.8821, 0.3719,
0.3585

 112.7958, 0.3571,
0.3517

 33.7335, 0.3793,
0.3617

143.2044, 0.3537,
0.3500

 22.6890, 0.3888,
0.3657


178.6389, 0.3507,
0.3486

 14.3640, 0.4013,
0.3707

219.4838, 0.3482,
0.3474

 8.3743, 0.4185,
0.3771

266.1235, 0.3460,
0.3463

 4.3354, 0.4436,
0.3853

318.9423, 0.3440,

 1.8629, 0.4898,

0.3453

0.4007

378.3247, 0.3423,
0.3445

0.5259, 0.5982,
0.4018

0.0000, 0.0000,
0.0000

65.5191, 0.3660,
0.3558

65.5191, 0.3660,
0.3558

57.6369, 0.3915,
0.3660

74.3220, 0.3440,
0.3457

50.6353, 0.4205,
0.3756

84.0659, 0.3252,
0.3360

44.4842, 0.4525,
0.3837

94.7821, 0.3091,
0.3269

39.1483, 0.4865,
0.3893

98.3309, 0.3072,
0.3290

■ 34.5894, 0.5203,
0.3908

■ 30.7654, 0.5512,
0.3873

■ 27.6271, 0.5763,
0.3787

■ 26.9723, 0.5817,
0.3763

Harmonies

Analogous

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



65.5191, 0.3612, 0.3340



65.5191, 0.3660, 0.3558



65.5191, 0.3558, 0.3719

Triad

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



65.5191, 0.3660, 0.3558



65.5191, 0.2827, 0.3464



65.5191, 0.2901, 0.2852

Complementary

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



65.5191, 0.3660, 0.3558



67.8415, 0.2696, 0.3005

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.



65.5191, 0.2705, 0.2865



65.5191, 0.3660, 0.3558



65.5191, 0.2664, 0.3209

Square

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



65.5191, 0.3660, 0.3558



65.5191, 0.3073, 0.3675



65.5191, 0.2621, 0.2991



65.5191, 0.3164, 0.2944

Rectangle

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



65.5191, 0.3660, 0.3558



65.5191, 0.3423, 0.3766



65.5191, 0.2621, 0.2991



65.5191, 0.2825, 0.2844

Sweetspot

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



65.5221, 0.3660, 0.3558



90.7974, 0.3258, 0.3364



56.6684, 0.3358, 0.2840



19.0802, 0.3285, 0.3378



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.



65.5221, 0.3660, 0.3558



66.3313, 0.3794, 0.3614



83.3333, 0.3568, 0.3897



17.4799, 0.3284, 0.3378



14.6426, 0.5787, 0.3787



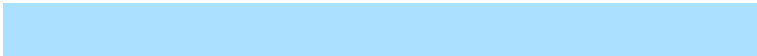
1.4761, 0.5551, 0.3975

Inverse Universe

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



67.8415, 0.2696, 0.3005



69.2113, 0.2612, 0.2940



51.7017, 0.2655, 0.2600



17.6740, 0.2980, 0.3201



16.4459, 0.1900, 0.2039



1.6412, 0.1948, 0.2213

Previews

White Background



This preview shows how the Yxy color 65.5191, 0.3660, 0.3558 looks on a white background.

Color Contrast Check

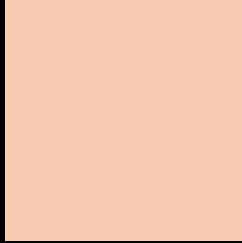
Large Text (above 18pt) WCAG AA × Fail

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 65.5191, 0.3660, 0.3558 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 65.5191, 0.3660, 0.3558

Background



This preview shows how black text looks on a background with the Yxy color 65.5191, 0.3660, 0.3558.

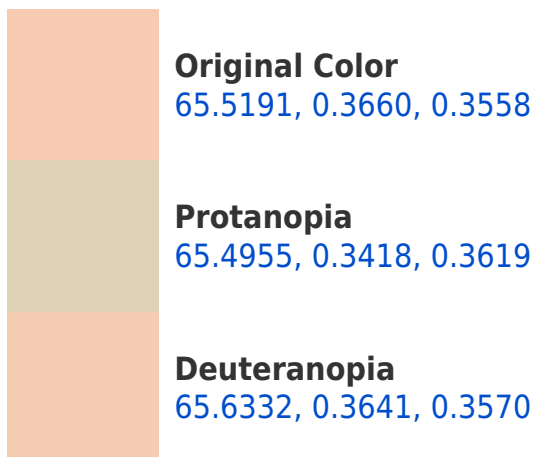


This preview shows how white text looks on a background with the Yxy color 65.5191, 0.3660, 0.3558.

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





Tritanopia

65.5163, 0.3428, 0.3135

Trichromacy



Original Color

65.5191, 0.3660, 0.3558

Protanomaly

65.4369, 0.3503, 0.3590

Deuteranomaly

65.8126, 0.3649, 0.3570

Tritanomaly

65.6184, 0.3518, 0.3291

Monochromacy



Original Color

65.5191, 0.3660, 0.3558

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

65.7786, 0.3313, 0.3391

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.5191, 0.3660, 0.3558 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(246, 203, 178)` looks like.

```
.text, #text, p{  
    color:rgb(246, 203, 178)  
}
```

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(246, 203, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 203, 178) }
```

Border

The CSS property to change the border of an element to Yxy 65.5191, 0.3660, 0.3558 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(246, 203, 178) }
```

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

```
.border{ border-color:rgb(246, 203, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 203, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 203, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 203, 178);  
box-shadow:4px 4px 4px 4px rgb(246, 203,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 65.5191, 0.3660, 0.3558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 203, 178) }
```

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

```
.background{ background-color: rgb(246,  
203, 178) }
```

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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