

Converting Colors

$Yxy(67.0726, 0.3633, 0.3579)$

Have a look what the booklet for
Yxy(67.0726, 0.3633, 0.3579)
contains.

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Color

Yxy(66.8098, 0.3636, 0.3580)

Conversions

Conversions Part 1

Format	Color
Hex	F5CEB3
RGB	245, 206, 179
RGB Percent	96%, 81%, 70%
CMY	0.0393, 0.1921, 0.2981
CMYK	0.00, 0.16, 0.27, 0.04
HSL	25°, 77%, 83%
HSV	25°, 27%, 96%
XYZ	67.8549, 66.8098, 51.9549
YIQ	214.5830, 31.9110, -0.1290

Conversions

Conversions Part 2

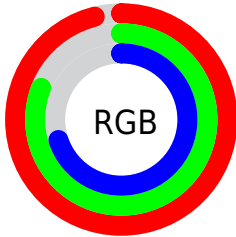
Format	Color
R_{YB}	245, 225, 179
Decimal	16109235
CIE _{Lab}	85.41, 9.77, 18.56
CIE _{LCh}	85, 20.971, 62.231
Yxy	66.8098, 0.3636, 0.3580
Android (android.graphics.Color)	4294299315 (0xFFF5CEB3)
YUV	214.5830, -17.5424, 26.6757
Hunter-Lab	81.7373, 5.1431, 19.5294

Details

The Yxy color **66.8098, 0.3636, 0.3580** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **66.2792, 0.2703, 0.2980**, and the grayscale version is **67.7623, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7782, 0.3244, 0.3483**, and **34.6542, 0.3764, 0.3650** is the 20% darker color. If you saturate the color by 10%, you get **59.2626, 0.3881, 0.3693**, and if you desaturate by 10%, it is **75.1798, 0.3423, 0.3468**.

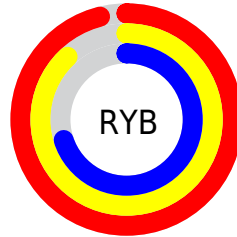
Distribution



Red (96%)

Green (81%)

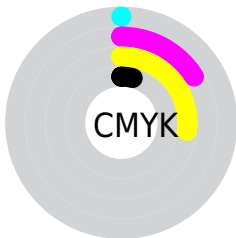
Blue (70%)



Red (96%)

Yellow (88%)

Blue (70%)

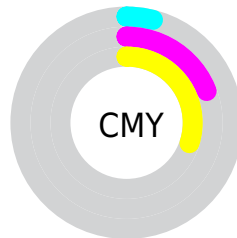


Cyan (0%)

Magenta (16%)

Yellow (27%)

Black (4%)



Cyan (4%)


Magenta (19%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.8098, 0.3636, 0.3580 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 66.8098, 0.3636, 0.3580 by changing the saturation by 10% instead.

 66.8098, 0.3636,
0.3580

 66.8098, 0.3636,
0.3580

449.2675, 0.3395,
0.3448

 48.9301, 0.3692,
0.3609


 114.6478, 0.3552,
0.3535

 34.5640, 0.3762,
0.3645


145.3749, 0.3519,
0.3517

 23.3272, 0.3851,
0.3689


181.1533, 0.3491,
0.3502

 14.8353, 0.3968,
0.3745

222.3672, 0.3467,
0.3489

 8.7039, 0.4129,
0.3817

269.4013, 0.3446,
0.3477

 4.5485, 0.4362,
0.3911

322.6397, 0.3427,

 1.9849, 0.4775,

0.3466

0.4076

382.4670, 0.3410,
0.3457

0.5987, 0.5743,
0.4257

0.0000, 0.0000,
0.0000

66.8098, 0.3636,
0.3580

66.8098, 0.3636,
0.3580

59.2626, 0.3881,
0.3693

75.1798, 0.3423,
0.3468

52.5023, 0.4156,
0.3801

84.3885, 0.3239,
0.3361

46.5041, 0.4459,
0.3894

94.4629, 0.3081,
0.3260

41.2378, 0.4779,
0.3961

98.1474, 0.3066,
0.3290

■ 36.6709, 0.5097,
0.3988

■ 32.7676, 0.5389,
0.3965

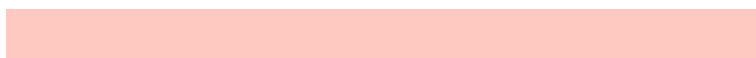
■ 29.4866, 0.5631,
0.3887

■ 28.5939, 0.5698,
0.3857

Harmonies

Analogous

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



66.8098, 0.3613, 0.3374



66.8098, 0.3636, 0.3580



66.8098, 0.3517, 0.3721

Triad

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



66.8098, 0.3636, 0.3580



66.8098, 0.2805, 0.3420



66.8098, 0.2946, 0.2873

Complementary

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



66.8098, 0.3636, 0.3580



66.2792, 0.2703, 0.2980

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.



66.8098, 0.2743, 0.2870



66.8098, 0.3636, 0.3580



66.8098, 0.2664, 0.3174

Square

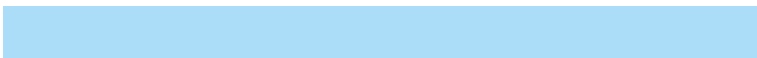
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.8098, 0.3636, 0.3580



66.8098, 0.3034, 0.3635



66.8098, 0.2642, 0.2975



66.8098, 0.3206, 0.2978

Rectangle

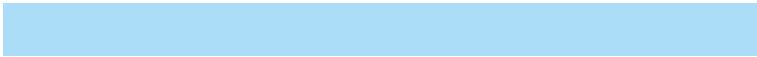
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.8098, 0.3636, 0.3580



66.8098, 0.3376, 0.3753



66.8098, 0.2642, 0.2975



66.8098, 0.2869, 0.2860

Sweetspot

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



66.8129, 0.3636, 0.3580



91.3116, 0.3258, 0.3372



56.7311, 0.3369, 0.2874



19.2093, 0.3284, 0.3388



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.



66.8129, 0.3636, 0.3580



68.8385, 0.3757, 0.3638



84.0272, 0.3551, 0.3903



17.5976, 0.3283, 0.3387



15.6646, 0.5670, 0.3880



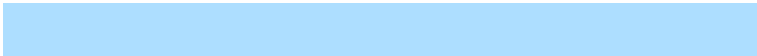
1.5737, 0.5444, 0.4060

Inverse Universe

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



66.2792, 0.2703, 0.2980



68.1616, 0.2622, 0.2912



51.1122, 0.2665, 0.2593



17.5528, 0.2980, 0.3191



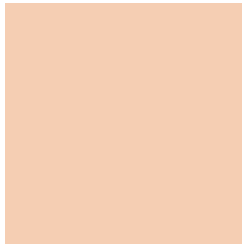
14.6767, 0.1858, 0.1888



1.4919, 0.1912, 0.2081

Previews

White Background



This preview shows how the Yxy color 66.8098, 0.3636, 0.3580 looks on a white background.

Color Contrast Check

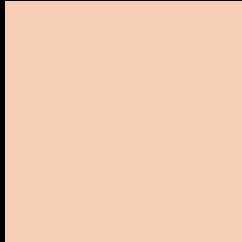
Large Text (above 18pt) WCAG AA × Fail

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 66.8098, 0.3636, 0.3580 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 66.8098, 0.3636, 0.3580

Background



This preview shows how black text looks on a background with the Yxy color 66.8098, 0.3636, 0.3580.



This preview shows how white text looks on a background with the Yxy color 66.8098, 0.3636, 0.3580.

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

66.8098, 0.3636, 0.3580

Protanopia

66.9735, 0.3438, 0.3638

Deuteranopia

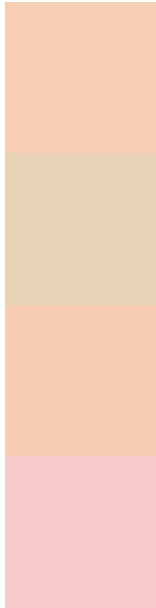
66.5101, 0.3647, 0.3568



Tritanopia

66.8709, 0.3392, 0.3135

Trichromacy



Original Color

66.8098, 0.3636, 0.3580

Protanomaly

66.5852, 0.3507, 0.3611

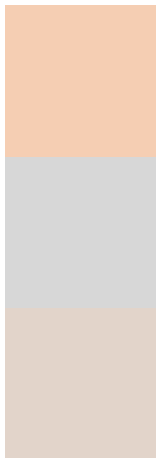
Deuteranomaly

66.5101, 0.3647, 0.3568

Tritanomaly

66.9801, 0.3481, 0.3291

Monochromacy



Original Color

66.8098, 0.3636, 0.3580

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.5200, 0.3302, 0.3401

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.8098, 0.3636, 0.3580 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(245, 206, 179)` looks like.

```
.text, #text, p{  
    color:rgb(245, 206, 179)  
}
```

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(245, 206, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 206, 179) }
```

Border

The CSS property to change the border of an element to Yxy 66.8098, 0.3636, 0.3580 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(245, 206, 179) }
```

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

```
.border{ border-color:rgb(245, 206, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 206, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 206, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 206, 179);  
box-shadow:4px 4px 4px 4px rgb(245, 206,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 66.8098, 0.3636, 0.3580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 206, 179) }
```

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

```
.background{ background-color: rgb(245,  
206, 179) }
```

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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