

Converting Colors

$Yxy(66.0841, 0.3589, 0.3604)$

Have a look what the booklet for
Yxy(66.0841, 0.3589, 0.3604)
contains.

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Color

Yxy(66.1907, 0.3593, 0.3606)

Conversions

Conversions Part 1

Format	Color
Hex	EFCFB2
RGB	239, 207, 178
RGB Percent	94%, 81%, 70%
CMY	0.0626, 0.1883, 0.3020
CMYK	0.00, 0.13, 0.26, 0.06
HSL	29°, 66%, 82%
HSV	29°, 26%, 94%
XYZ	65.9521, 66.1907, 51.4144
YIQ	213.2620, 28.3810, -2.2350

Conversions

Conversions Part 2

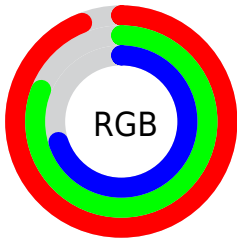
Format	Color
R_{YB}	239, 233, 178
Decimal	15716274
CIE _{Lab}	85.09, 6.91, 18.56
CIE _{LCh}	85, 19.802, 69.582
Yxy	66.1907, 0.3593, 0.3606
Android (android.graphics.Color)	4293906354 (0xFFEFCFB2)
YUV	213.2620, -17.3842, 22.5722
Hunter-Lab	81.3577, 2.3240, 19.4818

Details

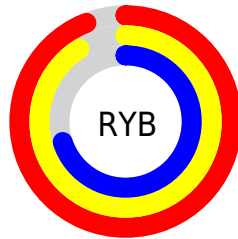
The Yxy color **66.1907, 0.3593, 0.3606** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **61.8041, 0.2722, 0.2951**, and the grayscale version is **66.8316, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7205, 0.3250, 0.3493**, and **34.2082, 0.3706, 0.3687** is the 20% darker color. If you saturate the color by 10%, you get **59.4767, 0.3822, 0.3736**, and if you desaturate by 10%, it is **73.5610, 0.3391, 0.3478**.

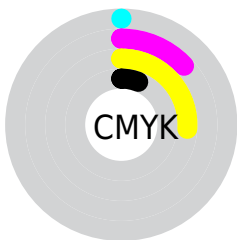
Distribution



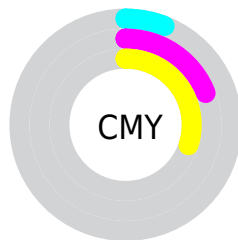
- Red (94%)
- Green (81%)
- Blue (70%)



- Red (94%)
- Yellow (91%)
- Blue (70%)



- Cyan (0%)
- Magenta (13%)
- Yellow (26%)
- Black (6%)





- Cyan (6%)
- Magenta (19%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.1907, 0.3593, 0.3606 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 66.1907, 0.3593, 0.3606 by changing the saturation by 10% instead.


 66.1907, 0.3593,
0.3606

 66.1907, 0.3593,
0.3606


447.0586, 0.3373,
0.3461

 48.4272, 0.3644,
0.3639


 113.7600, 0.3516,
0.3556

 34.1653, 0.3708,
0.3679


144.3346, 0.3486,
0.3536

 23.0206, 0.3790,
0.3729


179.9484, 0.3460,
0.3519

 14.6088, 0.3897,
0.3794

220.9857, 0.3438,
0.3505

 8.5453, 0.4044,
0.3879

267.8310, 0.3419,
0.3492

 4.4458, 0.4258,
0.3994

320.8687, 0.3402,

 1.9259, 0.4651,

0.3480

0.4208

380.4830, 0.3386,
0.3470

0.5639, 0.5555,
0.4445

0.0000, 0.0000,
0.0000

66.1907, 0.3593,
0.3606

66.1907, 0.3593,
0.3606

59.4767, 0.3822,
0.3736

73.5610, 0.3391,
0.3478

53.3901, 0.4076,
0.3861

81.5975, 0.3215,
0.3355

47.9130, 0.4352,
0.3973

90.3210, 0.3061,
0.3240

43.0228, 0.4640,
0.4060

97.0960, 0.3030,
0.3290

■ 38.6952, 0.4926,
0.4109

■ 34.9032, 0.5191,
0.4107

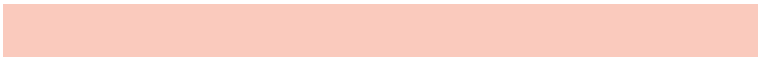
■ 31.6163, 0.5415,
0.4049

■ 30.2964, 0.5505,
0.4011

Harmonies

Analogous

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



66.1907, 0.3606, 0.3421



66.1907, 0.3593, 0.3606



66.1907, 0.3452, 0.3715

Triad

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



66.1907, 0.3593, 0.3606



66.1907, 0.2780, 0.3356



66.1907, 0.3013, 0.2910

Complementary

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



66.1907, 0.3593, 0.3606



61.8041, 0.2722, 0.2951

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.



66.1907, 0.2802, 0.2882



66.1907, 0.3593, 0.3606



66.1907, 0.2672, 0.3128

Square

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



66.1907, 0.3593, 0.3606



66.1907, 0.2981, 0.3573



66.1907, 0.2680, 0.2958



66.1907, 0.3263, 0.3030

Rectangle

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



66.1907, 0.3593, 0.3606



66.1907, 0.3307, 0.3725



66.1907, 0.2680, 0.2958



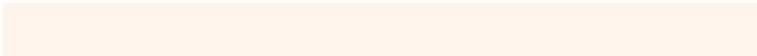
66.1907, 0.2936, 0.2890

Sweetspot

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



66.1937, 0.3593, 0.3606



92.1132, 0.3256, 0.3385



54.8740, 0.3387, 0.2939



19.4108, 0.3282, 0.3403



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.



66.1937, 0.3593, 0.3606



72.2393, 0.3717, 0.3679



82.1361, 0.3518, 0.3909



16.9978, 0.3281, 0.3402



16.9966, 0.5479, 0.4032



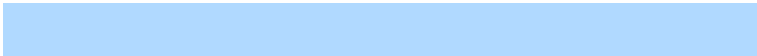
1.6119, 0.5266, 0.4201

Inverse Universe

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



61.8041, 0.2722, 0.2951



66.2958, 0.2631, 0.2865



48.3510, 0.2688, 0.2586



16.6017, 0.2980, 0.3175



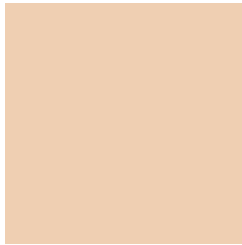
11.8752, 0.1795, 0.1662



1.1871, 0.1859, 0.1892

Previews

White Background



This preview shows how the Yxy color 66.1907, 0.3593, 0.3606 looks on a white background.

Color Contrast Check

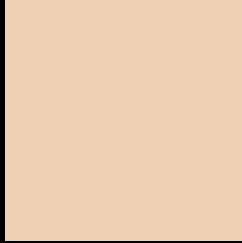
Large Text (above 18pt) WCAG AA × Fail

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 66.1907, 0.3593, 0.3606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

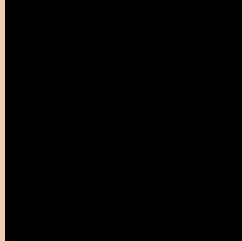
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.1907, 0.3593, 0.3606

Background



This preview shows how black text looks on a background with the Yxy color 66.1907, 0.3593, 0.3606.



This preview shows how white text looks on a background with the Yxy color 66.1907, 0.3593, 0.3606.

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

66.1907, 0.3593, 0.3606

Protanopia

66.2705, 0.3439, 0.3639

Deuteranopia

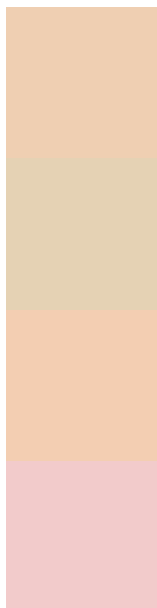
66.2895, 0.3647, 0.3580



Tritanopia

66.0161, 0.3345, 0.3123

Trichromacy



Original Color

66.1907, 0.3593, 0.3606

Protanomaly

66.0465, 0.3490, 0.3625

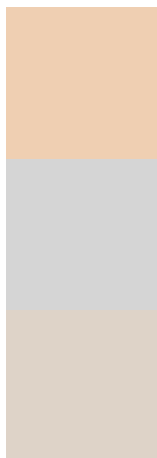
Deuteranomaly

66.4117, 0.3628, 0.3592

Tritanomaly

65.9009, 0.3433, 0.3291

Monochromacy



Original Color

66.1907, 0.3593, 0.3606

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.2883, 0.3287, 0.3413

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.1907, 0.3593, 0.3606 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(239, 207, 178)` looks like.

```
.text, #text, p{  
    color:rgb(239, 207, 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(239, 207, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 207, 178) }
```

Border

The CSS property to change the border of an element to Yxy 66.1907, 0.3593, 0.3606 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(239, 207, 178) }
```

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

```
.border{ border-color:rgb(239, 207, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 207, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(239, 207, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(239, 207, 178); box-shadow:4px 4px 4px 4px rgb(239, 207, 178) }
```


Background

The CSS property to change the background color of an element to Yxy 66.1907, 0.3593, 0.3606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 207, 178) }
```

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

```
.background{ background-color: rgb(239,  
207, 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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