

Converting Colors

Yxy(68.1190, 0.3639, 0.3602)

Have a look what the booklet for
Yxy(68.1190, 0.3639, 0.3602)
contains.

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Color

Yxy(67.9593, 0.3639, 0.3599)

Conversions

Conversions Part 1

Format	Color
Hex	F6D0B3
RGB	246, 208, 179
RGB Percent	96%, 82%, 70%
CMY	0.0351, 0.1844, 0.2980
CMYK	0.00, 0.15, 0.27, 0.04
HSL	26°, 79%, 83%
HSV	26°, 27%, 96%
XYZ	68.7146, 67.9593, 52.1544
YIQ	216.0560, 31.9570, -0.9630

Conversions

Conversions Part 2

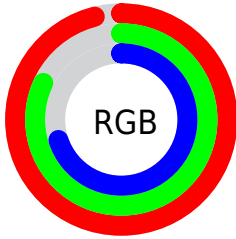
Format	Color
R _Y B	246, 230, 179
Decimal	16175283
CIE Lab	85.99, 9.16, 19.35
CIE LCh	86, 21.410, 64.678
Yxy	67.9593, 0.3639, 0.3599
Android (android.graphics.Color)	4294365363 (0xFFFF6D0B3)
YUV	216.0560, -18.2686, 26.2609
Hunter-Lab	82.4374, 4.5208, 20.1961

Details

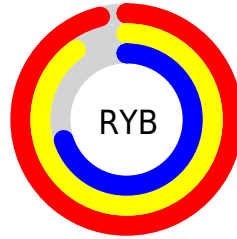
The Yxy color **67.9593, 0.3639, 0.3599** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **65.9174, 0.2697, 0.2959**, and the grayscale version is **68.8260, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7782, 0.3244, 0.3483**, and **35.4364, 0.3766, 0.3676** is the 20% darker color. If you saturate the color by 10%, you get **60.5377, 0.3880, 0.3718**, and if you desaturate by 10%, it is **76.1653, 0.3427, 0.3481**.

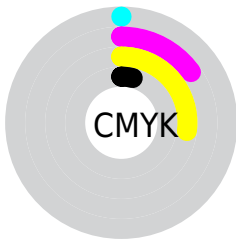
Distribution



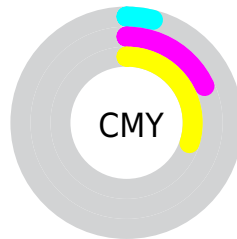
- Red (96%)
- Green (82%)
- Blue (70%)



- Red (96%)
- Yellow (90%)
- Blue (70%)



- Cyan (0%)
- Magenta (15%)
- Yellow (27%)
- Black (4%)





- Cyan (4%)
- Magenta (18%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.9593, 0.3639, 0.3599 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 67.9593, 0.3639, 0.3599 by changing the saturation by 10% instead.


 67.9593, 0.3639,
0.3599

 67.9593, 0.3639,
0.3599


453.3518, 0.3398,
0.3459

 49.8646, 0.3695,
0.3630


 116.2939, 0.3555,
0.3551

 35.3058, 0.3764,
0.3668


147.3026, 0.3522,
0.3532

 23.8986, 0.3853,
0.3715


183.3849, 0.3494,
0.3516

 15.2584, 0.3969,
0.3774

224.9249, 0.3470,
0.3502

 9.0009, 0.4128,
0.3851

272.3073, 0.3448,
0.3489

 4.7418, 0.4356,
0.3952

325.9163, 0.3430,

 2.0966, 0.4751,

0.3478

0.4121

386.1363, 0.3413,
0.3468

0.6627, 0.5629,
0.4371

0.0000, 0.0000,
0.0000

67.9593, 0.3639,
0.3599

67.9593, 0.3639,
0.3599

60.5377, 0.3880,
0.3718

76.1653, 0.3427,
0.3481

53.8661, 0.4151,
0.3831

85.1698, 0.3244,
0.3368

47.9214, 0.4447,
0.3929

94.9984, 0.3086,
0.3261

42.6753, 0.4756,
0.4000

98.3429, 0.3072,
0.3290

■ 38.0972, 0.5062,
0.4031

■ 34.1534, 0.5342,
0.4010

■ 30.8046, 0.5575,
0.3934

■ 29.9748, 0.5634,
0.3908

Harmonies

Analogous

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



67.9593, 0.3628, 0.3393



67.9593, 0.3639, 0.3599



67.9593, 0.3507, 0.3734

Triad

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



67.9593, 0.3639, 0.3599



67.9593, 0.2784, 0.3401



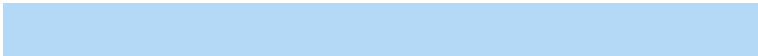
67.9593, 0.2963, 0.2872

Complementary

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



67.9593, 0.3639, 0.3599



65.9174, 0.2697, 0.2959

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.



67.9593, 0.2750, 0.2859



67.9593, 0.3639, 0.3599



67.9593, 0.2651, 0.3153

Square

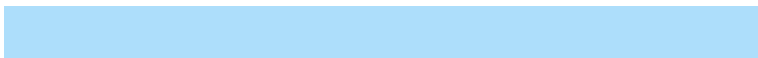
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.9593, 0.3639, 0.3599



67.9593, 0.3011, 0.3626



67.9593, 0.2639, 0.2957



67.9593, 0.3229, 0.2985

Rectangle

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



67.9593, 0.3639, 0.3599



67.9593, 0.3360, 0.3760



67.9593, 0.2639, 0.2957



67.9593, 0.2884, 0.2856

Sweetspot

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



67.9624, 0.3639, 0.3599



91.5843, 0.3257, 0.3376



56.9204, 0.3381, 0.2880



19.2778, 0.3283, 0.3393



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.



67.9624, 0.3639, 0.3599



68.9208, 0.3776, 0.3668



85.4553, 0.3554, 0.3920



17.6601, 0.3283, 0.3393



16.2580, 0.5606, 0.3931



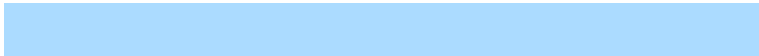
1.6290, 0.5387, 0.4105

Inverse Universe

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



65.9174, 0.2697, 0.2959



66.3378, 0.2604, 0.2876



50.7777, 0.2658, 0.2570



17.4890, 0.2980, 0.3185



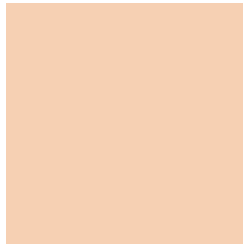
13.8026, 0.1836, 0.1810



1.4171, 0.1892, 0.2012

Previews

White Background



This preview shows how the Yxy color 67.9593, 0.3639, 0.3599 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 67.9593, 0.3639, 0.3599 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 67.9593, 0.3639, 0.3599

Background



This preview shows how black text looks on a background with the Yxy color 67.9593, 0.3639, 0.3599.



This preview shows how white text looks on a background with the Yxy color 67.9593, 0.3639, 0.3599.

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

67.9593, 0.3639, 0.3599

Protanopia

68.3092, 0.3449, 0.3657

Deuteranopia

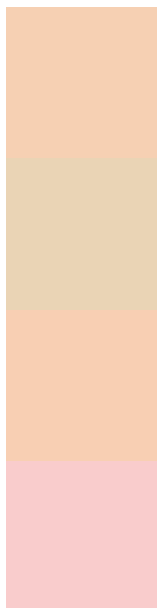
68.0201, 0.3666, 0.3587



Tritanopia

67.8122, 0.3391, 0.3126

Trichromacy



Original Color

67.9593, 0.3639, 0.3599

Protanomaly

67.9156, 0.3518, 0.3630

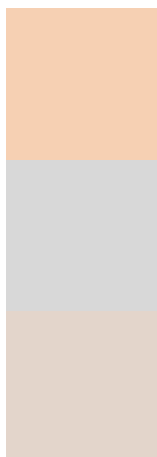
Deuteranomaly

67.8368, 0.3657, 0.3587

Tritanomaly

67.6851, 0.3479, 0.3291

Monochromacy



Original Color

67.9593, 0.3639, 0.3599

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.2312, 0.3302, 0.3400

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.9593, 0.3639, 0.3599 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, 208, 179)` looks like.

```
.text, #text, p{  
    color:rgb(246, 208, 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(246, 208, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 208, 179) }
```

Border

The CSS property to change the border of an element to Yxy 67.9593, 0.3639, 0.3599 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, 208, 179) }
```

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

```
.border{ border-color:rgb(246, 208, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 208, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 208, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 208, 179);  
box-shadow:4px 4px 4px 4px rgb(246, 208,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 67.9593, 0.3639, 0.3599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 208, 179) }
```

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

```
.background{ background-color: rgb(246,  
208, 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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