

Converting Colors

$Yxy(67.9800, 0.3574, 0.3649)$

Have a look what the booklet for
Yxy(67.9800, 0.3574, 0.3649)
contains.

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Color

Yxy(67.9800, 0.3574, 0.3649)

Conversions

Conversions Part 1

Format	Color
Hex	EED3B2
RGB	238, 211, 178
RGB Percent	93%, 83%, 70%
CMY	0.0668, 0.1725, 0.3019
CMYK	0.00, 0.11, 0.25, 0.07
HSL	33°, 64%, 82%
HSV	33°, 25%, 93%
XYZ	66.5828, 67.9800, 51.7348
YIQ	215.3110, 26.6850, -4.5390

Conversions

Conversions Part 2

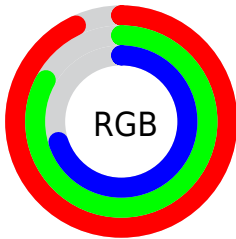
Format	Color
R _Y B	227, 238, 178
Decimal	15651762
CIE Lab	86.00, 4.42, 19.79
CIE LCh	86, 20.280, 77.402
Yxy	67.9800, 0.3574, 0.3649
Android (android.graphics.Color)	4293841842 (0xFFEED3B2)
YUV	215.3110, -18.3943, 19.8983
Hunter-Lab	82.4500, -0.1392, 20.5123

Details

The Yxy color **67.9800, 0.3574, 0.3649** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **59.2811, 0.2722, 0.2902**, and the grayscale version is **68.2903, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7205, 0.3250, 0.3493**, and **35.4184, 0.3679, 0.3743** is the 20% darker color. If you saturate the color by 10%, you get **61.9686, 0.3789, 0.3798**, and if you desaturate by 10%, it is **74.5171, 0.3380, 0.3502**.

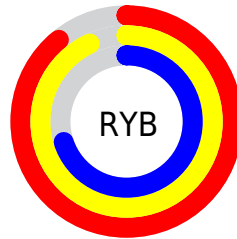
Distribution



Red (93%)

Green (83%)

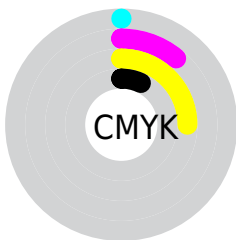
Blue (70%)



Red (89%)

Yellow (93%)

Blue (70%)

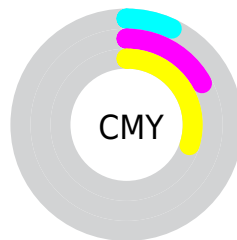


Cyan (0%)

Magenta (11%)

Yellow (25%)

Black (7%)



Cyan (7%)


Magenta (17%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.9800, 0.3574, 0.3649 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 67.9800, 0.3574, 0.3649 by changing the saturation by 10% instead.


 67.9800, 0.3574,
0.3649

 67.9800, 0.3574,
0.3649


453.4252, 0.3364,
0.3483

 49.8815, 0.3622,
0.3686


 116.3235, 0.3501,
0.3592

 35.3192, 0.3682,
0.3732


147.3373, 0.3472,
0.3569

 23.9089, 0.3759,
0.3790


183.4250, 0.3448,
0.3550

 15.2660, 0.3859,
0.3865

224.9709, 0.3427,
0.3533

 9.0063, 0.3995,
0.3963

272.3595, 0.3408,
0.3519

 4.7453, 0.4189,
0.4099

325.9751, 0.3392,

 2.0986, 0.4534,

0.3506

0.4340

386.2022, 0.3377,
0.3494

0.6638, 0.5268,
0.4732

0.0000, 0.0000,
0.0000

67.9800, 0.3574,
0.3649

67.9800, 0.3574,
0.3649

61.9686, 0.3789,
0.3798

74.5171, 0.3380,
0.3502

56.4583, 0.4024,
0.3942

81.5853, 0.3208,
0.3360

51.4357, 0.4274,
0.4072

89.2014, 0.3057,
0.3227

46.8834, 0.4530,
0.4177

96.1509, 0.3023,
0.3278

■ 42.7821, 0.4779,
0.4243

■ 96.9118, 0.3023,
0.3290

■ 39.1107, 0.5007,
0.4260

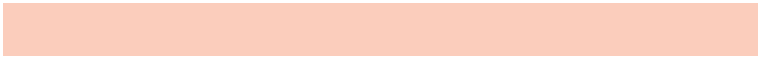
■ 35.8442, 0.5198,
0.4222

■ 34.4046, 0.5280,
0.4189

Harmonies

Analogous

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



67.9800, 0.3623, 0.3476



67.9800, 0.3574, 0.3649



67.9800, 0.3403, 0.3733

Triad

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



67.9800, 0.3574, 0.3649



67.9800, 0.2735, 0.3294



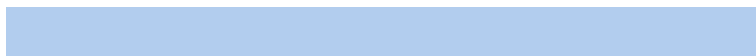
67.9800, 0.3077, 0.2928

Complementary

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



67.9800, 0.3574, 0.3649



59.2811, 0.2722, 0.2902

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.



67.9800, 0.2846, 0.2874



67.9800, 0.3574, 0.3649



67.9800, 0.2655, 0.3073

Square

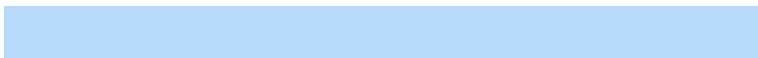
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.9800, 0.3574, 0.3649



67.9800, 0.2918, 0.3525



67.9800, 0.2695, 0.2923



67.9800, 0.3330, 0.3070

Rectangle

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



67.9800, 0.3574, 0.3649



67.9800, 0.3246, 0.3719



67.9800, 0.2695, 0.2923



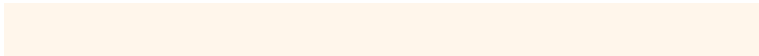
67.9800, 0.2994, 0.2899

Sweetspot

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



67.9831, 0.3574, 0.3649



93.0433, 0.3255, 0.3400



54.4231, 0.3425, 0.2997



19.6449, 0.3280, 0.3421



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.



67.9831, 0.3574, 0.3649



76.0031, 0.3677, 0.3722



82.0031, 0.3486, 0.3924



17.2015, 0.3279, 0.3420



19.4621, 0.5259, 0.4206



1.8175, 0.5080, 0.4348

Inverse Universe

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



59.2811, 0.2722, 0.2902



64.2760, 0.2640, 0.2814



47.8396, 0.2715, 0.2576



16.3988, 0.2980, 0.3157



9.5587, 0.1726, 0.1414



0.9911, 0.1796, 0.1666

Previews

White Background



This preview shows how the Yxy color 67.9800, 0.3574, 0.3649 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 67.9800, 0.3574, 0.3649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

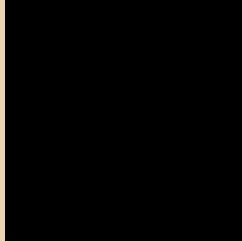
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.9800, 0.3574, 0.3649

Background



This preview shows how black text looks on a background with the Yxy color 67.9800, 0.3574, 0.3649.



This preview shows how white text looks on a background with the Yxy color 67.9800, 0.3574, 0.3649.

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

67.9800, 0.3574, 0.3649

Protanopia

68.2271, 0.3464, 0.3680

Deuteranopia

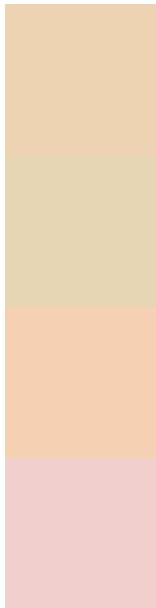
68.0201, 0.3666, 0.3587



Tritanopia

67.9378, 0.3303, 0.3123

Trichromacy



Original Color

67.9800, 0.3574, 0.3649

Protanomaly

68.3367, 0.3504, 0.3676

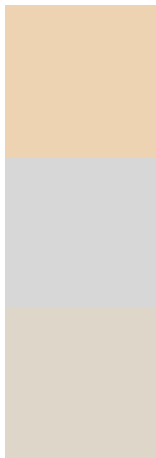
Deuteranomaly

67.7789, 0.3631, 0.3600

Tritanomaly

67.7342, 0.3404, 0.3312

Monochromacy



Original Color

67.9800, 0.3574, 0.3649

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

68.0454, 0.3277, 0.3423

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.9800, 0.3574, 0.3649 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(238, 211, 178)` looks like.

```
.text, #text, p{  
    color:rgb(238, 211, 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(238, 211, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 211, 178) }
```

Border

The CSS property to change the border of an element to Yxy 67.9800, 0.3574, 0.3649 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(238, 211, 178) }
```

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

```
.border{ border-color:rgb(238, 211, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 211, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(238, 211, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(238, 211, 178); box-shadow:4px 4px 4px 4px rgb(238, 211, 178) }
```


Background

The CSS property to change the background color of an element to Yxy 67.9800, 0.3574, 0.3649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 211, 178) }
```

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

```
.background{ background-color: rgb(238,  
211, 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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