

Converting Colors

$Yxy(58.2124, 0.3999, 0.4021)$

Have a look what the booklet for
Yxy(58.2124, 0.3999, 0.4021)
contains.

Yxy(58.4216, 0.3998, 0.4027)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(58.4216, 0.3998, 0.4027)

Conversions

Conversions Part 1

Format	Color
Hex	ECC380
RGB	236, 195, 128
RGB Percent	93%, 76%, 50%
CMY	0.0746, 0.2353, 0.4979
CMYK	0.00, 0.17, 0.46, 0.07
HSL	37°, 74%, 71%
HSV	37°, 46%, 93%
XYZ	58.0009, 58.4216, 28.6523
YIQ	199.6210, 45.9430, -12.1450

Conversions

Conversions Part 2

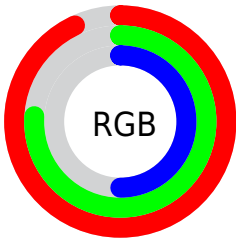
Format	Color
RYB	194, 236, 128
Decimal	15516544
CIELab	80.97, 6.12, 39.03
CIELCh	81, 39.507, 81.096
Yxy	58.4216, 0.3998, 0.4027
Android (android.graphics.Color)	4293706624 (0xFFECC380)
YUV	199.6210, -35.3092, 31.9044
Hunter-Lab	76.4340, 1.6927, 31.2782

Details

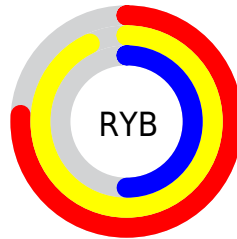
The Yxy color **58.4216, 0.3998, 0.4027** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **39.0246, 0.2358, 0.2407**, and the grayscale version is **57.7159, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6318, 0.3571, 0.3972**, and **29.3468, 0.4205, 0.4201** is the 20% darker color. If you saturate the color by 10%, you get **53.9789, 0.4225, 0.4171**, and if you desaturate by 10%, it is **63.2551, 0.3779, 0.3867**.

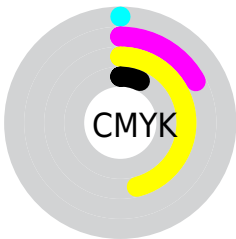
Distribution



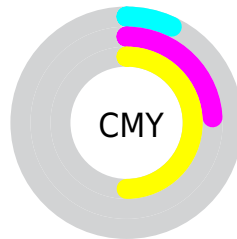
- Red (93%)
- Green (76%)
- Blue (50%)



- Red (76%)
- Yellow (93%)
- Blue (50%)



- Cyan (0%)
- Magenta (17%)
- Yellow (46%)
- Black (7%)





- Cyan (7%)
- Magenta (24%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.4216, 0.3998, 0.4027 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 58.4216, 0.3998, 0.4027 by changing the saturation by 10% instead.


 58.4216, 0.3998,
0.4027

 58.4216, 0.3998,
0.4027


418.7551, 0.3586,
0.3688


 42.1477, 0.4092,
0.4101


 102.5366, 0.3855,
0.3911

 29.2169, 0.4206,
0.4189


 131.1464, 0.3799,
0.3866

 19.2450, 0.4348,
0.4295


 164.6370, 0.3751,
0.3826

 11.8474, 0.4525,
0.4422

203.3927, 0.3709,
0.3792

 6.6399, 0.4744,
0.4565

247.7980, 0.3672,
0.3761

 3.2379, 0.5155,
0.4845

298.2372, 0.3640,

 1.2572, 0.5257,

0.3734

0.4743

355.0948, 0.3611,
0.3710

0.1077, 0.7003,
0.2997

0.0000, 0.0000,
0.0000

58.4216, 0.3998,
0.4027

58.4216, 0.3998,
0.4027

53.9789, 0.4225,
0.4171

63.2551, 0.3779,
0.3867

49.9044, 0.4452,
0.4289

68.4844, 0.3574,
0.3702

46.1851, 0.4667,
0.4367

74.1246, 0.3386,
0.3537

42.8031, 0.4858,
0.4396

80.1875, 0.3216,
0.3378

■ 39.7374, 0.5016,
0.4373

■ 86.6841, 0.3065,
0.3227

■ 38.5163, 0.5076,
0.4352

■ 92.6472, 0.3011,
0.3228

■ 96.5699, 0.3011,
0.3290

Harmonies

Analogous

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



58.4216, 0.4152, 0.3674



58.4216, 0.3998, 0.4027



58.4216, 0.3611, 0.4215

Triad

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



58.4216, 0.3998, 0.4027



58.4216, 0.2316, 0.3214



58.4216, 0.3074, 0.2614

Complementary

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



58.4216, 0.3998, 0.4027



39.0246, 0.2358, 0.2407

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.



58.4216, 0.2607, 0.2481



58.4216, 0.3998, 0.4027



58.4216, 0.2199, 0.2780

Square

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



58.4216, 0.3998, 0.4027



58.4216, 0.2641, 0.3729



58.4216, 0.2301, 0.2530



58.4216, 0.3596, 0.2894

Rectangle

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



58.4216, 0.3998, 0.4027



58.4216, 0.3283, 0.4186



58.4216, 0.2301, 0.2530



58.4216, 0.2906, 0.2552

Sweetspot

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



58.4244, 0.3998, 0.4027



89.5678, 0.3356, 0.3509



36.1570, 0.3875, 0.2830



18.8463, 0.3395, 0.3545



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.



58.4244, 0.3998, 0.4027



64.6247, 0.4214, 0.4164



77.2901, 0.3710, 0.4450



16.6108, 0.3277, 0.3436



21.4918, 0.5058, 0.4366



1.8721, 0.4906, 0.4486

Inverse Universe

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



39.0246, 0.2358, 0.2407



38.8463, 0.2196, 0.2183



27.1322, 0.2351, 0.1888



15.4859, 0.2980, 0.3140



7.5597, 0.1669, 0.1206



0.7740, 0.1745, 0.1482

Previews

White Background



This preview shows how the Yxy color 58.4216, 0.3998, 0.4027 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 58.4216, 0.3998, 0.4027 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 58.4216, 0.3998, 0.4027

Background



This preview shows how black text looks on a background with the Yxy color 58.4216, 0.3998, 0.4027.



This preview shows how white text looks on a background with the Yxy color 58.4216, 0.3998, 0.4027.

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

58.4216, 0.3998, 0.4027

Protanopia

58.4451, 0.3809, 0.4112

Deuteranopia

58.3389, 0.4066, 0.3969



Tritanopia

58.3426, 0.3496, 0.3141

Trichromacy



Original Color

58.4216, 0.3998, 0.4027

Protanomaly

58.4394, 0.3877, 0.4087

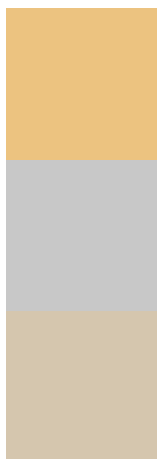
Deuteranomaly

58.2502, 0.4036, 0.3986

Tritanomaly

57.9764, 0.3683, 0.3457

Monochromacy



Original Color

58.4216, 0.3998, 0.4027

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.5903, 0.3431, 0.3575

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.4216, 0.3998, 0.4027 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(236, 195, 128)` looks like.

```
.text, #text, p{  
    color:rgb(236, 195, 128)  
}
```

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(236, 195, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 195, 128) }
```

Border

The CSS property to change the border of an element to Yxy 58.4216, 0.3998, 0.4027 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(236, 195, 128) }
```

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

```
.border{ border-color:rgb(236, 195, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 195, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 195, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 195, 128);  
box-shadow:4px 4px 4px 4px rgb(236, 195,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 58.4216, 0.3998, 0.4027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 195, 128) }
```

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

```
.background{ background-color: rgb(236,  
195, 128) }
```

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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