

Converting Colors

Yxy(57.4316, 0.4216, 0.4100)

Have a look what the booklet for
Yxy(57.4316, 0.4216, 0.4100)
contains.

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Color

Yxy(57.4316, 0.4216, 0.4100)

Conversions

Conversions Part 1

Format	Color
Hex	F5BE71
RGB	245, 190, 113
RGB Percent	96%, 75%, 44%
CMY	0.0391, 0.2549, 0.5569
CMYK	0.00, 0.22, 0.54, 0.04
HSL	35°, 87%, 70%
HSV	35°, 54%, 96%
XYZ	59.0565, 57.4316, 23.5890
YIQ	197.6670, 57.4970, -12.2870

Conversions

Conversions Part 2

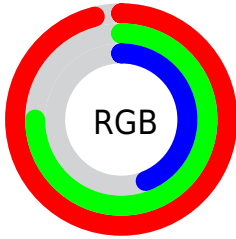
Format	Color
R _Y B	207, 245, 113
Decimal	16105073
CIE Lab	80.42, 11.05, 46.13
CIE LCh	80, 47.429, 76.531
Yxy	57.4316, 0.4216, 0.4100
Android (android.graphics.Color)	4294295153 (0xFFFF5BE71)
YUV	197.6670, -41.7408, 41.5110
Hunter-Lab	75.7836, 6.4797, 34.5935

Details

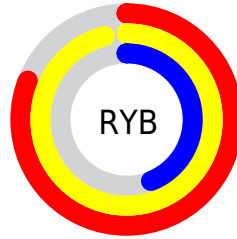
The Yxy color **57.4316, 0.4216, 0.4100** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **38.1131, 0.2231, 0.2279**, and the grayscale version is **56.4927, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.9247, 0.3683, 0.4084**, and **28.6782, 0.4471, 0.4264** is the 20% darker color. If you saturate the color by 10%, you get **52.6854, 0.4459, 0.4216**, and if you desaturate by 10%, it is **62.6422, 0.3978, 0.3960**.

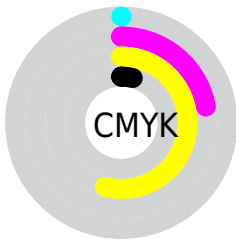
Distribution



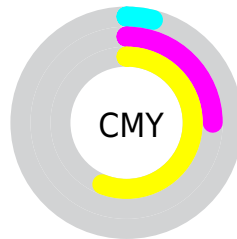
- Red (96%)
- Green (75%)
- Blue (44%)



- Red (81%)
- Yellow (96%)
- Blue (44%)



- Cyan (0%)
- Magenta (22%)
- Yellow (54%)
- Black (4%)





- Cyan (4%)
- Magenta (25%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.4316, 0.4216, 0.4100 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 57.4316, 0.4216, 0.4100 by changing the saturation by 10% instead.


 57.4316, 0.4216,
0.4100


 57.4316, 0.4216,
0.4100

415.0646, 0.3703,
0.3739

 41.3519, 0.4331,
0.4174


 101.0947, 0.4039,
0.3981

 28.5941, 0.4469,
0.4258


 129.4468, 0.3970,
0.3932

 18.7740, 0.4636,
0.4354


 162.6585, 0.3910,
0.3890

 11.5071, 0.4839,
0.4456

 201.1142, 0.3857,
0.3853

 6.4090, 0.5109,
0.4575

245.1982, 0.3812,
0.3819

 3.0953, 0.5382,
0.4618

295.2951, 0.3771,

 1.1817, 0.5565,

0.3790

0.4435

351.7891, 0.3735,
0.3763

0.0467, 0.8706,
0.1294

0.0000, 0.0000,
0.0000

57.4316, 0.4216,
0.4100

57.4316, 0.4216,
0.4100

52.6854, 0.4459,
0.4216

62.6422, 0.3978,
0.3960

48.3768, 0.4694,
0.4294

68.3260, 0.3752,
0.3807


44.4877, 0.4909,
0.4324

74.5016, 0.3544,
0.3650

40.9940, 0.5090,
0.4301

81.1839, 0.3355,
0.3494

 39.0356, 0.5186,
0.4264

 88.3869, 0.3187,
0.3346

 95.7980, 0.3067,
0.3254

 98.1574, 0.3066,
0.3290

Harmonies

Analogous

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



57.4316, 0.4359, 0.3656



57.4316, 0.4216, 0.4100



57.4316, 0.3778, 0.4389

Triad

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



57.4316, 0.4216, 0.4100



57.4316, 0.2203, 0.3281



57.4316, 0.2964, 0.2457

Complementary

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



57.4316, 0.4216, 0.4100



38.1131, 0.2231, 0.2279

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.



57.4316, 0.2436, 0.2328



57.4316, 0.4216, 0.4100



57.4316, 0.2033, 0.2733

Square

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



57.4316, 0.4216, 0.4100



57.4316, 0.2615, 0.3916



57.4316, 0.2114, 0.2412



57.4316, 0.3596, 0.2759

Rectangle

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



57.4316, 0.4216, 0.4100



57.4316, 0.3393, 0.4409



57.4316, 0.2114, 0.2412



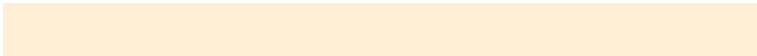
57.4316, 0.2769, 0.2392

Sweetspot

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



57.4344, 0.4216, 0.4100



87.2722, 0.3394, 0.3527



34.1331, 0.4003, 0.2687



18.3523, 0.3432, 0.3559



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.



57.4344, 0.4216, 0.4100



57.0707, 0.4489, 0.4228



84.3846, 0.3844, 0.4614



18.0885, 0.3279, 0.3428



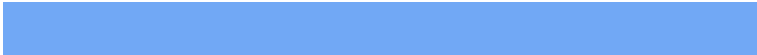
21.3039, 0.5166, 0.4280



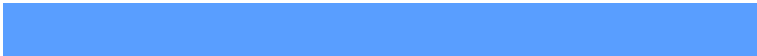
2.0751, 0.5010, 0.4404

Inverse Universe

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



38.1131, 0.2231, 0.2279



33.9218, 0.2055, 0.2022



22.5218, 0.2139, 0.1585



17.0614, 0.2980, 0.3148



8.9407, 0.1698, 0.1312



0.9838, 0.1766, 0.1556

Previews

White Background



This preview shows how the Yxy color 57.4316, 0.4216, 0.4100 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 57.4316, 0.4216, 0.4100 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 57.4316, 0.4216, 0.4100

Background



This preview shows how black text looks on a background with the Yxy color 57.4316, 0.4216, 0.4100.



This preview shows how white text looks on a background with the Yxy color 57.4316, 0.4216, 0.4100.

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

57.4316, 0.4216, 0.4100

Protanopia

57.6530, 0.3906, 0.4243

Deuteranopia

57.6870, 0.4201, 0.4113



Tritanopia

57.2330, 0.3637, 0.3144

Trichromacy



Original Color

57.4316, 0.4216, 0.4100

Protanomaly

57.2348, 0.4012, 0.4184

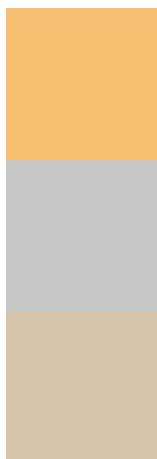
Deuteranomaly

57.6870, 0.4201, 0.4113

Tritanomaly

57.1373, 0.3855, 0.3496

Monochromacy



Original Color

57.4316, 0.4216, 0.4100

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.2673, 0.3510, 0.3622

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.4316, 0.4216, 0.4100 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, 190, 113)` looks like.

```
.text, #text, p{  
    color:rgb(245, 190, 113)  
}
```

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, 190, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 190, 113) }
```

Border

The CSS property to change the border of an element to Yxy 57.4316, 0.4216, 0.4100 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, 190, 113) }
```

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

```
.border{ border-color:rgb(245, 190, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 190, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 190, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 190, 113);  
box-shadow:4px 4px 4px 4px rgb(245, 190,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 57.4316, 0.4216, 0.4100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 190, 113) }
```

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

```
.background{ background-color: rgb(245,  
190, 113) }
```

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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