

Converting Colors

$Yxy(59.0009, 0.3890, 0.3802)$

Have a look what the booklet for
Yxy(59.0009, 0.3890, 0.3802)
contains.

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Color

Yxy(59.2154, 0.3889, 0.3807)

Conversions

Conversions Part 1

Format	Color
Hex	F0C293
RGB	240, 194, 147
RGB Percent	94%, 76%, 58%
CMY	0.0588, 0.2392, 0.4236
CMYK	0.00, 0.19, 0.39, 0.06
HSL	30°, 76%, 76%
HSV	30°, 39%, 94%
XYZ	60.4909, 59.2154, 35.8372
YIQ	202.3960, 42.5030, -4.8650

Conversions

Conversions Part 2

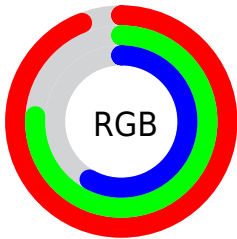
Format	Color
R _Y B	238, 240, 147
Decimal	15778451
CIE Lab	81.41, 10.21, 29.86
CIE LCh	81, 31.559, 71.116
Yxy	59.2154, 0.3889, 0.3807
Android (android.graphics.Color)	4293968531 (0xFFFF0C293)
YUV	202.3960, -27.3102, 32.9787
Hunter-Lab	76.9515, 5.6519, 26.2540

Details

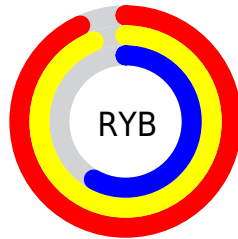
The Yxy color **59.2154, 0.3889, 0.3807** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **50.6178, 0.2501, 0.2704**, and the grayscale version is **59.4775, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8483, 0.3457, 0.3774**, and **29.5458, 0.4078, 0.3915** is the 20% darker color. If you saturate the color by 10%, you get **53.4690, 0.4143, 0.3937**, and if you desaturate by 10%, it is **65.5463, 0.3658, 0.3670**.

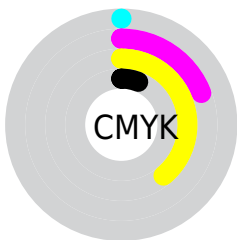
Distribution



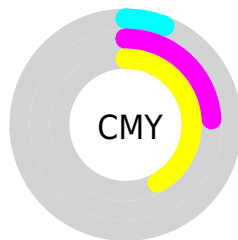
- Red (94%)
- Green (76%)
- Blue (58%)



- Red (93%)
- Yellow (94%)
- Blue (58%)



- Cyan (0%)
- Magenta (19%)
- Yellow (39%)
- Black (6%)





- Cyan (6%)
- Magenta (24%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.2154, 0.3889, 0.3807 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 59.2154, 0.3889, 0.3807 by changing the saturation by 10% instead.


 59.2154, 0.3889,
0.3807


 59.2154, 0.3889,
0.3807


421.6997, 0.3524,
0.3570

 42.7865, 0.3974,
0.3859


 103.6907, 0.3760,
0.3726

 29.7177, 0.4081,
0.3922


 132.5059, 0.3711,
0.3694

 19.6244, 0.4215,
0.3998


166.2186, 0.3668,
0.3667

 12.1223, 0.4391,
0.4092

205.2133, 0.3632,
0.3642

 6.8270, 0.4626,
0.4204

249.8744, 0.3600,
0.3621

 3.3542, 0.4991,
0.4367

300.5862, 0.3571,

 1.3193, 0.5493,

0.3602

0.4507

357.7332, 0.3546,
0.3585

0.1561, 0.7182,
0.2818

0.0000, 0.0000,
0.0000

59.2154, 0.3889,
0.3807

59.2154, 0.3889,
0.3807

53.4690, 0.4143,
0.3937

65.5463, 0.3658,
0.3670

48.2790, 0.4412,
0.4049

72.4717, 0.3451,
0.3533

43.6272, 0.4688,
0.4132

80.0120, 0.3268,
0.3400

39.4905, 0.4954,
0.4172

88.1838, 0.3108,
0.3275

■ 35.8431, 0.5192,
0.4159

■ 96.2072, 0.3036,
0.3273

■ 32.6517, 0.5391,
0.4093

■ 97.2643, 0.3035,
0.3290

■ 32.2823, 0.5415,
0.4083

Harmonies

Analogous

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



59.2154, 0.3928, 0.3504



59.2154, 0.3889, 0.3807



59.2154, 0.3638, 0.3999

Triad

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



59.2154, 0.3889, 0.3807



59.2154, 0.2546, 0.3371



59.2154, 0.2954, 0.2689

Complementary

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



59.2154, 0.3889, 0.3807



50.6178, 0.2501, 0.2704

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.



59.2154, 0.2611, 0.2631



59.2154, 0.3889, 0.3807



59.2154, 0.2387, 0.2992

Square

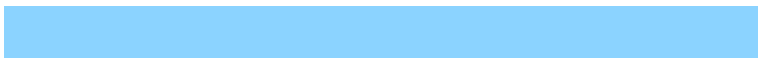
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



59.2154, 0.3889, 0.3807



59.2154, 0.2860, 0.3754



59.2154, 0.2411, 0.2731



59.2154, 0.3368, 0.2884

Rectangle

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



59.2154, 0.3889, 0.3807



59.2154, 0.3393, 0.4020



59.2154, 0.2411, 0.2731



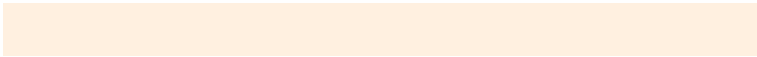
59.2154, 0.2827, 0.2653

Sweetspot

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



59.2182, 0.3889, 0.3807



88.9081, 0.3326, 0.3443



43.2583, 0.3606, 0.2783



18.7851, 0.3349, 0.3460



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.



59.2182, 0.3889, 0.3807



62.3791, 0.4101, 0.3917



82.9474, 0.3709, 0.4252



17.0798, 0.3281, 0.3410



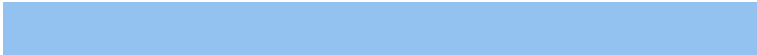
17.9397, 0.5390, 0.4102



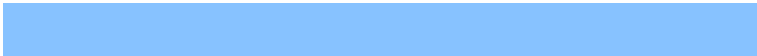
1.6915, 0.5190, 0.4261

Inverse Universe

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



50.6178, 0.2501, 0.2704



51.1468, 0.2366, 0.2550



33.3543, 0.2411, 0.2106



16.5195, 0.2980, 0.3167



10.8871, 0.1767, 0.1560



1.1045, 0.1833, 0.1800

Previews

White Background



This preview shows how the Yxy color 59.2154, 0.3889, 0.3807 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 59.2154, 0.3889, 0.3807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

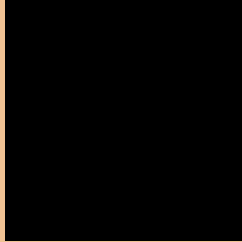
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.2154, 0.3889, 0.3807

Background



This preview shows how black text looks on a background with the Yxy color 59.2154, 0.3889, 0.3807.



This preview shows how white text looks on a background with the Yxy color 59.2154, 0.3889, 0.3807.

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

59.2154, 0.3889, 0.3807

Protanopia

59.2271, 0.3631, 0.3888

Deuteranopia

59.2154, 0.3889, 0.3807



Tritanopia

59.1702, 0.3503, 0.3142

Trichromacy



Original Color

59.2154, 0.3889, 0.3807

Protanomaly

59.0564, 0.3717, 0.3853

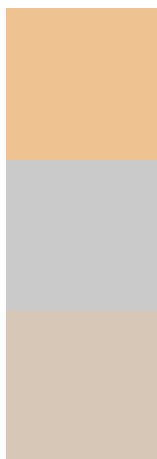
Deuteranomaly

59.2154, 0.3889, 0.3807

Tritanomaly

59.2178, 0.3647, 0.3389

Monochromacy



Original Color

59.2154, 0.3889, 0.3807

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.8232, 0.3392, 0.3489

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.2154, 0.3889, 0.3807 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(240, 194, 147)` looks like.

```
.text, #text, p{  
    color:rgb(240, 194, 147)  
}
```

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(240, 194, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 194, 147) }
```

Border

The CSS property to change the border of an element to Yxy 59.2154, 0.3889, 0.3807 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(240, 194, 147) }
```

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

```
.border{ border-color:rgb(240, 194, 147) }
```

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

Here you see how a box with a 4 pixel rgb(240, 194, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 194, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 194, 147);  
box-shadow:4px 4px 4px 4px rgb(240, 194,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 59.2154, 0.3889, 0.3807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 194, 147) }
```

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

```
.background{ background-color: rgb(240,  
194, 147) }
```

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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