

Converting Colors

$Y_{xy}(59.5801, 0.4055, 0.4006)$

Have a look what the booklet for
Yxy(59.5801, 0.4055, 0.4006)
contains.

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Color

Yxy(59.6434, 0.4058, 0.4009)

Conversions

Conversions Part 1

Format	Color
Hex	F3C380
RGB	243, 195, 128
RGB Percent	95%, 76%, 50%
CMY	0.0471, 0.2353, 0.4980
CMYK	0.00, 0.20, 0.47, 0.05
HSL	35°, 83%, 73%
HSV	35°, 47%, 95%
XYZ	60.3724, 59.6434, 28.7580
YIQ	201.7140, 50.1150, -10.6610

Conversions

Conversions Part 2

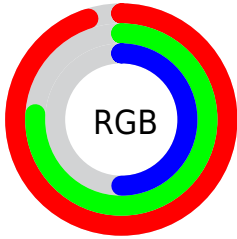
Format	Color
R_{YB}	210, 243, 128
Decimal	15975296
CIE _{Lab}	81.64, 8.92, 40.03
CIE _{LCh}	82, 41.014, 77.432
Y _{xy}	59.6434, 0.4058, 0.4009
Android (android.graphics.Color)	4294165376 (0xFFFF3C380)
Y _{UV}	201.7140, -36.3410, 36.2078
Hunter-Lab	77.2291, 4.3879, 31.9825

Details

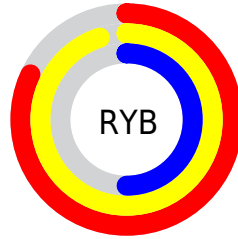
The Yxy color **59.6434, 0.4058, 0.4009** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **42.1125, 0.2341, 0.2427**, and the grayscale version is **59.0846, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6318, 0.3571, 0.3972**, and **29.8999, 0.4292, 0.4156** is the 20% darker color. If you saturate the color by 10%, you get **54.6895, 0.4299, 0.4142**, and if you desaturate by 10%, it is **65.0649, 0.3827, 0.3859**.

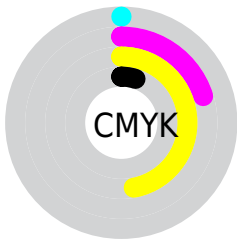
Distribution



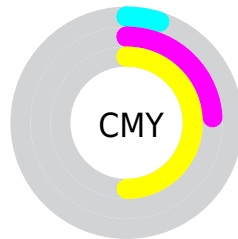
- Red (95%)
- Green (76%)
- Blue (50%)



- Red (82%)
- Yellow (95%)
- Blue (50%)



- Cyan (0%)
- Magenta (20%)
- Yellow (47%)
- Black (5%)





- Cyan (5%)
- Magenta (24%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.6434, 0.4058, 0.4009 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 59.6434, 0.4058, 0.4009 by changing the saturation by 10% instead.


 59.6434, 0.4058,
0.4009

 59.6434, 0.4058,
0.4009

423.2821, 0.3618,
0.3683

 43.1313, 0.4158,
0.4078


 104.3122, 0.3905,
0.3899

 29.9881, 0.4279,
0.4160


 133.2377, 0.3846,
0.3856

 19.8296, 0.4430,
0.4257


 167.0697, 0.3795,
0.3817

 12.2712, 0.4617,
0.4370

206.1927, 0.3750,
0.3784

 6.9287, 0.4850,
0.4491

250.9910, 0.3711,
0.3754

 3.4175, 0.5274,
0.4726

301.8491, 0.3676,

 1.3534, 0.5414,

0.3728

0.4586

359.1513, 0.3646,
0.3705

0.1820, 0.6823,
0.3177

0.0000, 0.0000,
0.0000

59.6434, 0.4058,
0.4009

59.6434, 0.4058,
0.4009

54.6895, 0.4299,
0.4142

65.0649, 0.3827,
0.3859

50.1774, 0.4541,
0.4246


70.9613, 0.3613,
0.3703

46.0911, 0.4771,
0.4309


77.3505, 0.3418,
0.3547


42.4093, 0.4976,
0.4321

84.2465, 0.3243,
0.3396

 39.1060, 0.5145,
0.4280

 91.6626, 0.3087,
0.3253

 38.2748, 0.5187,
0.4263

 97.7933, 0.3054,
0.3290

Harmonies

Analogous

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



59.6434, 0.4182, 0.3633



59.6434, 0.4058, 0.4009



59.6434, 0.3682, 0.4234

Triad

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



59.6434, 0.4058, 0.4009



59.6434, 0.2322, 0.3274



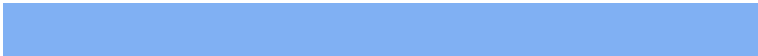
59.6434, 0.3007, 0.2570

Complementary

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



59.6434, 0.4058, 0.4009



42.1125, 0.2341, 0.2427

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.



59.6434, 0.2543, 0.2454



59.6434, 0.4058, 0.4009



59.6434, 0.2175, 0.2808

Square

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



59.6434, 0.4058, 0.4009



59.6434, 0.2679, 0.3804



59.6434, 0.2253, 0.2528



59.6434, 0.3547, 0.2841

Rectangle

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



59.6434, 0.4058, 0.4009



59.6434, 0.3350, 0.4233



59.6434, 0.2253, 0.2528



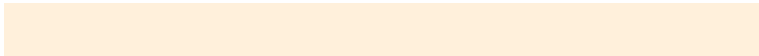
59.6434, 0.2838, 0.2512

Sweetspot

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



59.6462, 0.4058, 0.4009



88.7699, 0.3358, 0.3496



37.7043, 0.3848, 0.2753



18.6516, 0.3397, 0.3529



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.



59.6462, 0.4058, 0.4009



61.1129, 0.4295, 0.4140



83.3733, 0.3770, 0.4470



18.0868, 0.3279, 0.3428



21.2807, 0.5167, 0.4279



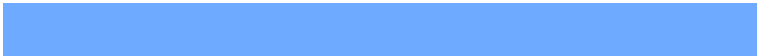
2.0731, 0.5012, 0.4403

Inverse Universe

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



42.1125, 0.2341, 0.2427



39.3787, 0.2179, 0.2207



27.1214, 0.2276, 0.1816



17.0631, 0.2980, 0.3148



8.9562, 0.1698, 0.1313



0.9853, 0.1766, 0.1558

Previews

White Background



This preview shows how the Yxy color 59.6434, 0.4058, 0.4009 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 59.6434, 0.4058, 0.4009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

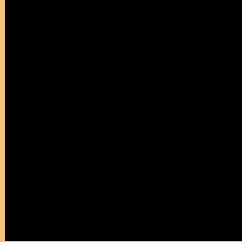
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.6434, 0.4058, 0.4009

Background



This preview shows how black text looks on a background with the Yxy color 59.6434, 0.4058, 0.4009.



This preview shows how white text looks on a background with the Yxy color 59.6434, 0.4058, 0.4009.

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

59.6434, 0.4058, 0.4009

Protanopia

59.7227, 0.3810, 0.4116

Deuteranopia

59.5546, 0.4081, 0.3994



Tritanopia

59.6119, 0.3555, 0.3144

Trichromacy



Original Color

59.6434, 0.4058, 0.4009

Protanomaly

59.5783, 0.3899, 0.4075

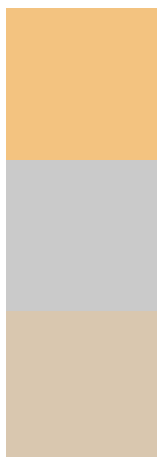
Deuteranomaly

59.3752, 0.4072, 0.3997

Tritanomaly

59.2253, 0.3743, 0.3453

Monochromacy



Original Color

59.6434, 0.4058, 0.4009

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.6937, 0.3454, 0.3571

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.6434, 0.4058, 0.4009 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(243, 195, 128)` looks like.

```
.text, #text, p{  
    color:rgb(243, 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(243, 195, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 195, 128) }
```

Border

The CSS property to change the border of an element to Yxy 59.6434, 0.4058, 0.4009 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(243, 195, 128) }
```

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

```
.border{ border-color:rgb(243, 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(243, 195, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 195, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 195, 128); box-shadow:4px 4px 4px 4px rgb(243, 195, 128) }
```


Background

The CSS property to change the background color of an element to Yxy 59.6434, 0.4058, 0.4009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 195, 128) }
```

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

```
.background{ background-color: rgb(243,  
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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