

Converting Colors

Yxy(58.9800, 0.4321, 0.4353)

Have a look what the booklet for
Yxy(58.9800, 0.4321, 0.4353)
contains.

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Color

Yxy(59.0015, 0.4325, 0.4350)

Conversions

Conversions Part 1

Format	Color
Hex	F4C35A
RGB	244, 195, 90
RGB Percent	96%, 76%, 35%
CMY	0.0432, 0.2352, 0.6470
CMYK	0.00, 0.20, 0.63, 0.04
HSL	41°, 87%, 65%
HSV	41°, 63%, 96%
XYZ	58.6624, 59.0015, 17.9717
YIQ	197.6810, 62.9090, -22.2670

Conversions

Conversions Part 2

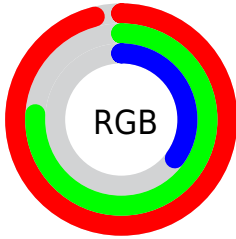
Format	Color
RYB	162, 244, 90
Decimal	16040794
CIELab	81.29, 6.34, 58.04
CIELCh	81, 58.383, 83.763
Yxy	59.0015, 0.4325, 0.4350
Android (android.graphics.Color)	4294230874 (0xFFFF4C35A)
YUV	197.6810, -53.0867, 40.6218
Hunter-Lab	76.8124, 1.9004, 39.8967

Details

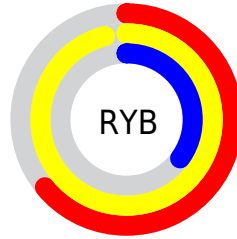
The Yxy color **59.0015, 0.4325, 0.4350** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **27.1609, 0.2037, 0.1858**, and the grayscale version is **56.5691, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.2680, 0.3792, 0.4332**, and **29.6637, 0.4561, 0.4546** is the 20% darker color. If you saturate the color by 10%, you get **55.2676, 0.4518, 0.4451**, and if you desaturate by 10%, it is **63.0580, 0.4119, 0.4213**.

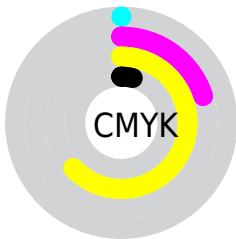
Distribution



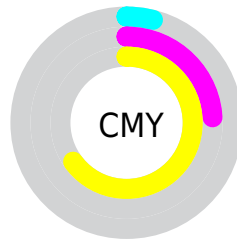
- Red (96%)
- Green (76%)
- Blue (35%)



- Red (64%)
- Yellow (96%)
- Blue (35%)



- Cyan (0%)
- Magenta (20%)
- Yellow (63%)
- Black (4%)





- Cyan (4%)
- Magenta (24%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.0015, 0.4325, 0.4350 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 59.0015, 0.4325, 0.4350 by changing the saturation by 10% instead.


 59.0015, 0.4325,
0.4350


 59.0015, 0.4325,
0.4350


420.9075, 0.3780,
0.3885


 42.6143, 0.4438,
0.4441


 103.3798, 0.4143,
0.4199


 29.5826, 0.4568,
0.4542


 132.1398, 0.4070,
0.4137

 19.5220, 0.4717,
0.4651


 165.7928, 0.4006,
0.4082

 12.0481, 0.4879,
0.4757

 204.7233, 0.3950,
0.4034

 6.7764, 0.5103,
0.4897

249.3156, 0.3900,
0.3990

 3.3227, 0.5163,
0.4837

299.9541, 0.3856,

 1.3024, 0.5267,

0.3951

0.4733

357.0233, 0.3816,
0.3917

■ 0.1431, 0.6703,
0.3297

■ 0.0000, 0.0000,
0.0000

■ 59.0015, 0.4325,
0.4350

■ 59.0015, 0.4325,
0.4350

■ 55.2676, 0.4518,
0.4451

■ 63.0580, 0.4119,
0.4213

■ 51.8312, 0.4688,
0.4506


■ 67.4433, 0.3911,
0.4051


■ 48.6754, 0.4827,
0.4509


■ 72.1736, 0.3708,
0.3874

■ 46.6442, 0.4906,
0.4486

■ 77.2610, 0.3516,
0.3693

 82.7171, 0.3337,
0.3514

 88.5527, 0.3174,
0.3342

 94.3990, 0.3061,
0.3235

 97.9683, 0.3059,
0.3290

Harmonies

Analogous

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



59.0015, 0.4616, 0.3831



59.0015, 0.4325, 0.4350



59.0015, 0.3728, 0.4664

Triad

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



59.0015, 0.4325, 0.4350



59.0015, 0.1946, 0.3081



59.0015, 0.3102, 0.2372

Complementary

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



59.0015, 0.4325, 0.4350



27.1609, 0.2037, 0.1858

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.



59.0015, 0.2426, 0.2167



59.0015, 0.4325, 0.4350



59.0015, 0.1826, 0.2486

Square

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



59.0015, 0.4325, 0.4350



59.0015, 0.2358, 0.3879



59.0015, 0.1990, 0.2192



59.0015, 0.3874, 0.2763

Rectangle

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



59.0015, 0.4325, 0.4350



59.0015, 0.3250, 0.4633



59.0015, 0.1990, 0.2192



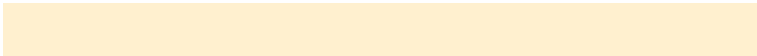
59.0015, 0.2855, 0.2280

Sweetspot

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



59.0044, 0.4325, 0.4350



87.8242, 0.3441, 0.3620



28.4759, 0.4459, 0.2773



18.4338, 0.3493, 0.3672



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.



59.0044, 0.4325, 0.4350



59.9050, 0.4573, 0.4473



80.3774, 0.3820, 0.4859



18.3729, 0.3276, 0.3451



25.6257, 0.4892, 0.4498



2.4368, 0.4782, 0.4585

Inverse Universe

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



27.1609, 0.2037, 0.1858



22.3410, 0.1841, 0.1521



17.5352, 0.2053, 0.1326



16.7867, 0.2980, 0.3124



6.6993, 0.1622, 0.1040



0.7661, 0.1691, 0.1286

Previews

White Background



This preview shows how the Yxy color 59.0015, 0.4325, 0.4350 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 59.0015, 0.4325, 0.4350 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 59.0015, 0.4325, 0.4350

Background



This preview shows how black text looks on a background with the Yxy color 59.0015, 0.4325, 0.4350.



This preview shows how white text looks on a background with the Yxy color 59.0015, 0.4325, 0.4350.

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

59.0015, 0.4325, 0.4350

Protanopia

58.8611, 0.4097, 0.4483

Deuteranopia

58.7786, 0.4391, 0.4290



Tritanopia

58.6396, 0.3595, 0.3134

Trichromacy



Original Color

59.0015, 0.4325, 0.4350

Protanomaly

58.5911, 0.4182, 0.4434

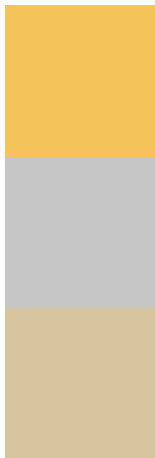
Deuteranomaly

58.8517, 0.4367, 0.4307

Tritanomaly

58.1836, 0.3895, 0.3592

Monochromacy



Original Color

59.0015, 0.4325, 0.4350

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.8828, 0.3568, 0.3741

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.0015, 0.4325, 0.4350 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(244, 195, 90)` looks like.

```
.text, #text, p{  
    color:rgb(244, 195, 90)  
}
```

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(244, 195, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 195, 90) }
```

Border

The CSS property to change the border of an element to Yxy 59.0015, 0.4325, 0.4350 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(244, 195, 90) }
```

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

```
.border{ border-color:rgb(244, 195, 90) }
```

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

Here you see how a box with a 4 pixel rgb(244, 195, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 195, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 195, 90);  
box-shadow:4px 4px 4px 4px rgb(244, 195,  
90) }
```


Background

The CSS property to change the background color of an element to Yxy 59.0015, 0.4325, 0.4350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 195, 90) }
```

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

```
.background{ background-color: rgb(244,  
195, 90) }
```

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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