

Converting Colors

$Yxy(59.7899, 0.4479, 0.4362)$

Have a look what the booklet for
Yxy(59.7899, 0.4479, 0.4362)
contains.

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Color

Yxy(59.7899, 0.4479, 0.4362)

Conversions

Conversions Part 1

Format	Color
Hex	FEC150
RGB	254, 193, 80
RGB Percent	100%, 76%, 31%
CMY	0.0039, 0.2431, 0.6864
CMYK	0.00, 0.24, 0.69, 0.00
HSL	39°, 99%, 65%
HSV	39°, 69%, 100%
XYZ	61.3936, 59.7899, 15.8864
YIQ	198.3570, 72.6290, -22.2110

Conversions

Conversions Part 2

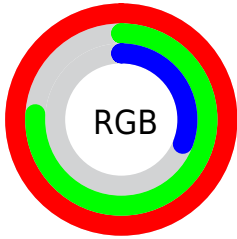
Format	Color
RYB	174, 254, 80
Decimal	16695632
CIELab	81.72, 10.99, 63.20
CIELCh	82, 64.148, 80.135
Yxy	59.7899, 0.4479, 0.4362
Android (android.graphics.Color)	4294885712 (0xFFFE150)
YUV	198.3570, -58.3500, 48.7989
Hunter-Lab	77.3239, 6.4085, 41.9455

Details

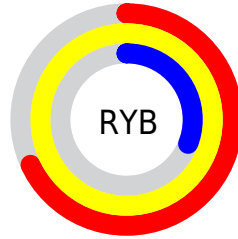
The Yxy color **59.7899, 0.4479, 0.4362** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **27.9027, 0.1967, 0.1787**, and the grayscale version is **57.0296, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.7326, 0.3855, 0.4404**, and **30.1478, 0.4736, 0.4532** is the 20% darker color. If you saturate the color by 10%, you get **55.6667, 0.4675, 0.4432**, and if you desaturate by 10%, it is **64.2979, 0.4266, 0.4249**.

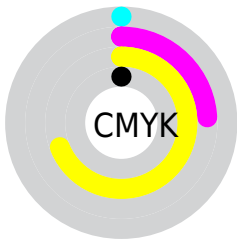
Distribution



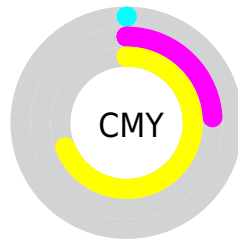
- Red (100%)
- Green (76%)
- Blue (31%)



- Red (68%)
- Yellow (100%)
- Blue (31%)



- Cyan (0%)
- Magenta (24%)
- Yellow (69%)
- Black (0%)




- Cyan (0%)
- Magenta (24%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.7899, 0.4479, 0.4362 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 59.7899, 0.4479, 0.4362 by changing the saturation by 10% instead.


 59.7899, 0.4479,
0.4362

 59.7899, 0.4479,
0.4362


423.8229, 0.3870,
0.3911

 43.2493, 0.4602,
0.4443


 104.5248, 0.4278,
0.4221


 30.0808, 0.4743,
0.4530


 133.4880, 0.4197,
0.4161

 19.8999, 0.4900,
0.4615


 167.3607, 0.4125,
0.4108

 12.3223, 0.5076,
0.4691

 206.5275, 0.4062,
0.4060

 6.9636, 0.5263,
0.4737

 251.3728, 0.4006,
0.4016

 3.4393, 0.5363,
0.4637

302.2808, 0.3956,

 1.3652, 0.5531,

0.3978

0.4469

359.6361, 0.3911,
0.3942

0.1908, 0.7020,
0.2980

0.0000, 0.0000,
0.0000

59.7899, 0.4479,
0.4362

59.7899, 0.4479,
0.4362

55.6667, 0.4675,
0.4432

64.2979, 0.4266,
0.4249

51.8983, 0.4844,
0.4452

69.2001, 0.4046,
0.4105

48.4594, 0.4979,
0.4420

74.5160, 0.3831,
0.3942

47.9735, 0.4998,
0.4413

80.2608, 0.3626,
0.3770

■ 86.4485, 0.3435,
0.3597

■ 93.0923, 0.3262,
0.3428

99.8134, 0.3121,
0.3290

Harmonies

Analogous

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



59.7899, 0.4756, 0.3784



59.7899, 0.4479, 0.4362



59.7899, 0.3855, 0.4768

Triad

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



59.7899, 0.4479, 0.4362



59.7899, 0.1885, 0.3151



59.7899, 0.2996, 0.2262

Complementary

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



59.7899, 0.4479, 0.4362



27.9027, 0.1967, 0.1787

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.



59.7899, 0.2293, 0.2070



59.7899, 0.4479, 0.4362



59.7899, 0.1725, 0.2470

Square

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



59.7899, 0.4479, 0.4362



59.7899, 0.2360, 0.4044



59.7899, 0.1864, 0.2124



59.7899, 0.3843, 0.2658

Rectangle

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



59.7899, 0.4479, 0.4362



59.7899, 0.3343, 0.4796



59.7899, 0.1864, 0.2124



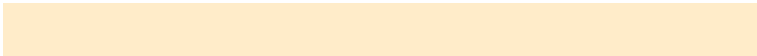
59.7899, 0.2735, 0.2173

Sweetspot

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



59.7928, 0.4479, 0.4362



85.6209, 0.3481, 0.3639



28.8122, 0.4563, 0.2696



17.9544, 0.3533, 0.3687



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.



59.7928, 0.4479, 0.4362



54.7906, 0.4738, 0.4445



88.4276, 0.3895, 0.4935



19.9561, 0.3278, 0.3444



25.5767, 0.4982, 0.4427



2.6955, 0.4868, 0.4517

Inverse Universe

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



27.9027, 0.1967, 0.1787



21.0393, 0.1789, 0.1460



15.7821, 0.1917, 0.1147



18.4192, 0.2979, 0.3131



7.7917, 0.1645, 0.1120



0.9545, 0.1707, 0.1344

Previews

White Background



This preview shows how the Yxy color 59.7899, 0.4479, 0.4362 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 59.7899, 0.4479, 0.4362 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 59.7899, 0.4479, 0.4362

Background



This preview shows how black text looks on a background with the Yxy color 59.7899, 0.4479, 0.4362.



This preview shows how white text looks on a background with the Yxy color 59.7899, 0.4479, 0.4362.

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

59.7899, 0.4479, 0.4362

Protanopia

60.1412, 0.4158, 0.4560

Deuteranopia

59.6018, 0.4471, 0.4366



Tritanopia

59.5265, 0.3636, 0.3167

Trichromacy



Original Color

59.7899, 0.4479, 0.4362

Protanomaly

59.9223, 0.4275, 0.4486

Deuteranomaly

59.6018, 0.4471, 0.4366

Tritanomaly

59.1337, 0.3989, 0.3638

Monochromacy



Original Color

59.7899, 0.4479, 0.4362

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.7518, 0.3628, 0.3773

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.7899, 0.4479, 0.4362 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(254, 193, 80)` looks like.

```
.text, #text, p{  
    color:rgb(254, 193, 80)  
}
```

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(254, 193, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 193, 80) }
```

Border

The CSS property to change the border of an element to Yxy 59.7899, 0.4479, 0.4362 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(254, 193, 80) }
```

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

```
.border{ border-color:rgb(254, 193, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 193, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 193, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 193, 80);  
box-shadow:4px 4px 4px 4px rgb(254, 193,  
80) }
```


Background

The CSS property to change the background color of an element to Yxy 59.7899, 0.4479, 0.4362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 193, 80) }
```

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

```
.background{ background-color: rgb(254,  
193, 80) }
```

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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