

Converting Colors

Yxy(53.1055, 0.4439, 0.4364)

Have a look what the booklet for
Yxy(53.1055, 0.4439, 0.4364)
contains.

| | |
|--|----|
| Yxy(53.1818, 0.4439, 0.4362) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 27 |
| <i>CSS Examples</i> | 30 |

Color

Yxy(53.1818, 0.4439, 0.4362)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | EFB84E |
| RGB | 239, 184, 78 |
| RGB Percent | 94%, 72%, 31% |
| CMY | 0.0626, 0.2785, 0.6941 |
| CMYK | 0.00, 0.23, 0.67, 0.06 |
| HSL | 39°, 83%, 62% |
| HSV | 39°, 67%, 94% |
| XYZ | 54.1206, 53.1818, 14.6183 |
| YIQ | 188.3610, 66.8060, -21.3060 |

Conversions

Conversions Part 2

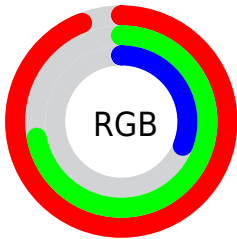
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 162, 239, 78 |
| Decimal | 15710286 |
| CIELab | 77.98, 9.33, 59.63 |
| CIELCh | 78, 60.354, 81.109 |
| Yxy | 53.1818, 0.4439, 0.4362 |
| Android (android.graphics.Color) | 4293900366 (0xFFEFB84E) |
| YUV | 188.3610, -54.4080, 44.4104 |
| Hunter-Lab | 72.9259, 4.8503, 39.1632 |

Details

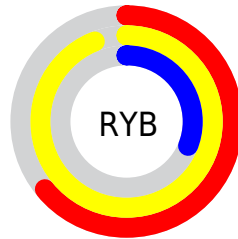
The Yxy color **53.1818, 0.4439, 0.4362** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **24.6376, 0.1983, 0.1801**, and the grayscale version is **50.7948, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.2189, 0.3911, 0.4357**, and **25.8668, 0.4712, 0.4543** is the 20% darker color. If you saturate the color by 10%, you get **49.6050, 0.4634, 0.4440**, and if you desaturate by 10%, it is **57.0844, 0.4228, 0.4243**.

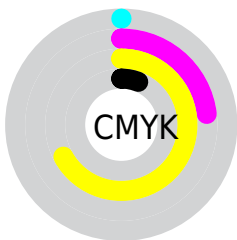
Distribution



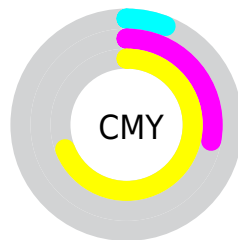
- Red (94%)
- Green (72%)
- Blue (31%)



- Red (64%)
- Yellow (94%)
- Blue (31%)



- Cyan (0%)
- Magenta (23%)
- Yellow (67%)
- Black (6%)





- Cyan (6%)
- Magenta (28%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.1818, 0.4439, 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 53.1818, 0.4439, 0.4362 by changing the saturation by 10% instead.

 53.1818, 0.4439,
0.4362


 53.1818, 0.4439,
0.4362


398.9822, 0.3834,
0.3895


 37.9479, 0.4565,
0.4450


 94.8718, 0.4237,
0.4213

 25.9423, 0.4709,
0.4544


 122.0968, 0.4155,
0.4151

 16.7805, 0.4872,
0.4639


 154.0875, 0.4084,
0.4095

 10.0781, 0.5068,
0.4739

 191.2285, 0.4022,
0.4046

 5.4508, 0.5233,
0.4767

 233.9040, 0.3966,
0.4002

 2.5141, 0.5336,
0.4664

282.4986, 0.3917,

 0.8837, 0.5519,

0.3963

0.4481

337.3965, 0.3874,
0.3927

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.1818, 0.4439,
0.4362

■ 53.1818, 0.4439,
0.4362

■ 49.6050, 0.4634,
0.4440

■ 57.0844, 0.4228,
0.4243

■ 46.3286, 0.4802,
0.4469


■ 61.3203, 0.4013,
0.4095


■ 43.3332, 0.4938,
0.4446

■ 65.9059, 0.3801,
0.3929


■ 42.5844, 0.4970,
0.4435


■ 70.8538, 0.3600,
0.3754

 76.1759, 0.3413,
0.3580

 81.8832, 0.3242,
0.3410

 87.9862, 0.3088,
0.3249

 93.5450, 0.3030,
0.3234

 97.0966, 0.3030,
0.3290

Harmonies

Analogous

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



53.1818, 0.4721, 0.3798



53.1818, 0.4439, 0.4362



53.1818, 0.3821, 0.4744

Triad

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



53.1818, 0.4439, 0.4362



53.1818, 0.1899, 0.3130



53.1818, 0.3025, 0.2290

Complementary

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



53.1818, 0.4439, 0.4362



24.6376, 0.1983, 0.1801

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.



53.1818, 0.2328, 0.2094



53.1818, 0.4439, 0.4362



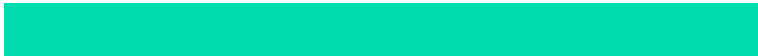
53.1818, 0.1750, 0.2472

Square

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



53.1818, 0.4439, 0.4362



53.1818, 0.2357, 0.3999



53.1818, 0.1896, 0.2140



53.1818, 0.3855, 0.2686

Rectangle

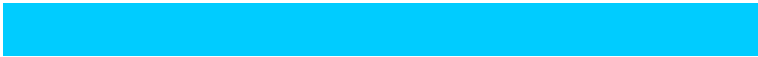
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



53.1818, 0.4439, 0.4362



53.1818, 0.3317, 0.4755



53.1818, 0.1896, 0.2140



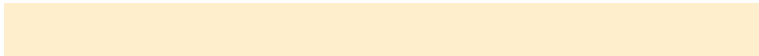
53.1818, 0.2768, 0.2200

Sweetspot

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



53.1844, 0.4439, 0.4362



86.5181, 0.3462, 0.3626



25.5355, 0.4560, 0.2729



18.1440, 0.3514, 0.3676



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.



53.1844, 0.4439, 0.4362



55.9265, 0.4703, 0.4458



76.7313, 0.3866, 0.4925



17.4963, 0.3277, 0.3445



23.7790, 0.4955, 0.4448



2.1622, 0.4829, 0.4548

Inverse Universe

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



24.6376, 0.1983, 0.1801



21.0638, 0.1795, 0.1460



14.5151, 0.1958, 0.1194



16.1119, 0.2980, 0.3130



6.9715, 0.1640, 0.1102



0.7582, 0.1712, 0.1363

Previews

White Background



This preview shows how the Yxy color 53.1818, 0.4439, 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 53.1818, 0.4439, 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 53.1818, 0.4439, 0.4362

Background



This preview shows how black text looks on a background with the Yxy color 53.1818, 0.4439, 0.4362.



This preview shows how white text looks on a background with the Yxy color 53.1818, 0.4439, 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

53.1818, 0.4439, 0.4362

Protanopia

53.1811, 0.4143, 0.4536

Deuteranopia

53.3563, 0.4447, 0.4358



Tritanopia

53.2065, 0.3682, 0.3152

Trichromacy



Original Color

53.1818, 0.4439, 0.4362

Protanomaly

53.2534, 0.4250, 0.4473

Deuteranomaly

53.3563, 0.4447, 0.4358

Tritanomaly

52.7840, 0.3998, 0.3620

Monochromacy



Original Color

53.1818, 0.4439, 0.4362

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.9442, 0.3617, 0.3772

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.1818, 0.4439, 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(239, 184, 78)` looks like.

```
.text, #text, p{  
    color:rgb(239, 184, 78)  
}
```

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(239, 184, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 184, 78) }
```

Border

The CSS property to change the border of an element to Yxy 53.1818, 0.4439, 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(239, 184, 78) }
```

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

```
.border{ border-color:rgb(239, 184, 78) }
```

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

Here you see how a box with a 4 pixel rgb(239, 184, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 184, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 184, 78);  
box-shadow:4px 4px 4px 4px rgb(239, 184,  
78) }
```


Background

The CSS property to change the background color of an element to Yxy 53.1818, 0.4439, 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(239, 184, 78) }
```

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

```
.background{ background-color: rgb(239,  
184, 78) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor