

Converting Colors

Yxy(58.7754, 0.4361, 0.4608)

Have a look what the booklet for
Yxy(58.7754, 0.4361, 0.4608)
contains.

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Color

Yxy(58.8679, 0.4356, 0.4614)

Conversions

Conversions Part 1

Format	Color
Hex	EBC73F
RGB	235, 199, 63
RGB Percent	92%, 78%, 25%
CMY	0.0785, 0.2195, 0.7528
CMYK	0.00, 0.15, 0.73, 0.08
HSL	47°, 81%, 58%
HSV	47°, 73%, 92%
XYZ	55.5762, 58.8679, 13.1413
YIQ	194.2600, 65.1120, -34.6640

Conversions

Conversions Part 2

Format	Color
RYB	109, 235, 63
Decimal	15451967
CIELab	81.22, -0.94, 68.78
CIElCh	81, 68.788, 90.784
Yxy	58.8679, 0.4356, 0.4614
Android (android.graphics.Color)	4293642047 (0xFFEBC73F)
YUV	194.2600, -64.7112, 35.7290
Hunter-Lab	76.7254, -4.9727, 43.5528

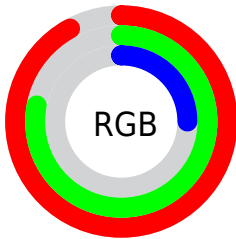
Details

The Yxy color **58.8679, 0.4356, 0.4614** is a light color, and the websafe version is hex **FFCC33**.

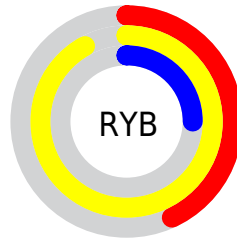
The color can be described as light washed yellow. A complement of this color would be **15.9783, 0.1822, 0.1354**, and the grayscale version is **54.4756, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1119, 0.3903, 0.4572**, and **29.6717, 0.4518, 0.4795** is the 20% darker color. If you saturate the color by 10%, you get **56.4361, 0.4480, 0.4688**, and if you desaturate by 10%, it is **61.4904, 0.4206, 0.4496**.

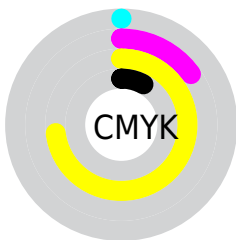
Distribution



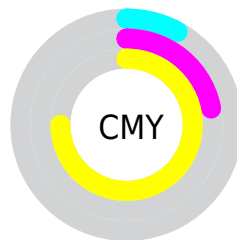
- Red (92%)
- Green (78%)
- Blue (25%)



- Red (43%)
- Yellow (92%)
- Blue (25%)



- Cyan (0%)
- Magenta (15%)
- Yellow (73%)
- Black (8%)




- Cyan (8%)
- Magenta (22%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.8679, 0.4356, 0.4614 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 58.8679, 0.4356, 0.4614 by changing the saturation by 10% instead.

 58.8679, 0.4356,
0.4614


 58.8679, 0.4356,
0.4614


420.4122, 0.3823,
0.4036

 42.5068, 0.4455,
0.4723


 103.1856, 0.4186,
0.4429


 29.4983, 0.4563,
0.4842


 131.9111, 0.4115,
0.4352


 19.4581, 0.4673,
0.4964


 165.5267, 0.4052,
0.4284

 12.0018, 0.4811,
0.5120

 204.4170, 0.3996,
0.4223

 6.7449, 0.4838,
0.5162

 248.9663, 0.3945,
0.4168

 3.3031, 0.4829,
0.5171

299.5590, 0.3900,

 1.2919, 0.4813,

0.4120

0.5187

356.5795, 0.3860,
0.4076

■ 0.1349, 0.4383,
0.5617

■ 0.0000, 0.0000,
0.0000

■ 58.8679, 0.4356,
0.4614

■ 58.8679, 0.4356,
0.4614

■ 56.4361, 0.4480,
0.4688

■ 61.4904, 0.4206,
0.4496


■ 54.1706, 0.4575,
0.4713


■ 64.3085, 0.4038,
0.4340


■ 52.7040, 0.4626,
0.4709

■ 67.3367, 0.3860,
0.4158


■ 70.5853, 0.3679,
0.3960

 74.0640, 0.3502,
0.3754

 77.7815, 0.3333,
0.3550

 81.7461, 0.3175,
0.3351

 85.9654, 0.3029,
0.3162

 89.1253, 0.3005,
0.3173

Harmonies

Analogous

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



58.8679, 0.4819, 0.4023



58.8679, 0.4356, 0.4614



58.8679, 0.3606, 0.4936

Triad

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



58.8679, 0.4356, 0.4614



58.8679, 0.1706, 0.2832



58.8679, 0.3301, 0.2324

Complementary

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



58.8679, 0.4356, 0.4614



15.9783, 0.1822, 0.1354

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.



58.8679, 0.2468, 0.2039



58.8679, 0.4356, 0.4614



58.8679, 0.1656, 0.2238

Square

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



58.8679, 0.4356, 0.4614



58.8679, 0.2085, 0.3756



58.8679, 0.1909, 0.1995



58.8679, 0.4200, 0.2801

Rectangle

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



58.8679, 0.4356, 0.4614



58.8679, 0.3047, 0.4821



58.8679, 0.1909, 0.1995



58.8679, 0.3001, 0.2204

Sweetspot

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



58.8707, 0.4356, 0.4614



89.6399, 0.3484, 0.3732



22.1430, 0.5122, 0.2957



18.9347, 0.3531, 0.3788



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.



58.8707, 0.4356, 0.4614



66.5016, 0.4534, 0.4707



70.2328, 0.3724, 0.5137



17.0609, 0.3273, 0.3475



29.5300, 0.4618, 0.4715



2.4528, 0.4547, 0.4771

Inverse Universe

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



15.9783, 0.1822, 0.1354



12.8877, 0.1636, 0.0990



12.9848, 0.2015, 0.1117



15.0594, 0.2980, 0.3098



4.7159, 0.1560, 0.0814



0.5061, 0.1628, 0.1060

Previews

White Background



This preview shows how the Yxy color 58.8679, 0.4356, 0.4614 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 58.8679, 0.4356, 0.4614 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 58.8679, 0.4356, 0.4614

Background



This preview shows how black text looks on a background with the Yxy color 58.8679, 0.4356, 0.4614.



This preview shows how white text looks on a background with the Yxy color 58.8679, 0.4356, 0.4614.

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

58.8679, 0.4356, 0.4614

Protanopia

58.7800, 0.4253, 0.4681

Deuteranopia

58.9753, 0.4548, 0.4445



Tritanopia

58.7004, 0.3513, 0.3141

Trichromacy



Original Color

58.8679, 0.4356, 0.4614

Protanomaly

58.8015, 0.4286, 0.4657

Deuteranomaly

59.0047, 0.4471, 0.4511

Tritanomaly

58.1644, 0.3886, 0.3741

Monochromacy



Original Color

58.8679, 0.4356, 0.4614

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

55.1105, 0.3621, 0.3896

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.8679, 0.4356, 0.4614 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(235, 199, 63)` looks like.

```
.text, #text, p{  
    color:rgb(235, 199, 63)  
}
```

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(235, 199, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 199, 63) }
```

Border

The CSS property to change the border of an element to Yxy 58.8679, 0.4356, 0.4614 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(235, 199, 63) }
```

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

```
.border{ border-color:rgb(235, 199, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 199, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 199, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 199, 63);  
box-shadow:4px 4px 4px 4px rgb(235, 199,  
63) }
```


Background

The CSS property to change the background color of an element to Yxy 58.8679, 0.4356, 0.4614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 199, 63) }
```

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

```
.background{ background-color: rgb(235,  
199, 63) }
```

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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