

Converting Colors

$Yxy(60.3030, 0.4362, 0.4592)$

Have a look what the booklet for
Yxy(60.3030, 0.4362, 0.4592)
contains.

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Color

Yxy(60.5174, 0.4360, 0.4592)

Conversions

Conversions Part 1

Format	Color
Hex	EFC942
RGB	239, 201, 66
RGB Percent	94%, 79%, 26%
CMY	0.0629, 0.2117, 0.7410
CMYK	0.00, 0.16, 0.72, 0.06
HSL	47°, 84%, 60%
HSV	47°, 72%, 94%
XYZ	57.4599, 60.5174, 13.8115
YIQ	196.9720, 65.9830, -33.9290

Conversions

Conversions Part 2

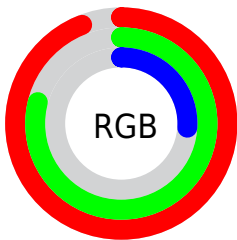
Format	Color
R _Y B	115, 239, 66
Decimal	15714626
CIE Lab	82.12, -0.15, 68.68
CIE LCh	82, 68.680, 90.123
Yxy	60.5174, 0.4360, 0.4592
Android (android.graphics.Color)	4293904706 (0xFFEFC942)
YUV	196.9720, -64.5692, 36.8586
Hunter-Lab	77.7929, -4.2928, 43.9286

Details

The Yxy color **60.5174, 0.4360, 0.4592** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light muted yellow. A complement of this color would be **17.2877, 0.1839, 0.1396**, and the grayscale version is **56.1869, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1851, 0.3889, 0.4549**, and **30.4511, 0.4548, 0.4771** is the 20% darker color. If you saturate the color by 10%, you get **57.8908, 0.4491, 0.4668**, and if you desaturate by 10%, it is **63.3510, 0.4205, 0.4472**.

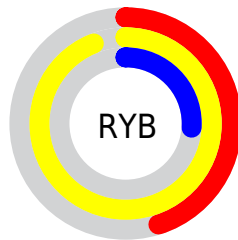
Distribution



Red (94%)

Green (79%)

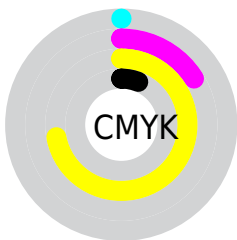
Blue (26%)



Red (45%)

Yellow (94%)

Blue (26%)

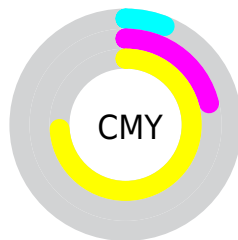


Cyan (0%)

Magenta (16%)

Yellow (72%)

Black (6%)



Cyan (6%)


Magenta (21%)


Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.5174, 0.4360, 0.4592 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 60.5174, 0.4360, 0.4592 by changing the saturation by 10% instead.


 60.5174, 0.4360,
0.4592


 60.5174, 0.4360,
0.4592


426.5023, 0.3825,
0.4027


 43.8358, 0.4460,
0.4698


 105.5799, 0.4190,
0.4412


 30.5414, 0.4569,
0.4814


 134.7295, 0.4118,
0.4337

 20.2499, 0.4682,
0.4933


 168.8040, 0.4055,
0.4270

 12.5768, 0.4815,
0.5074

 208.1876, 0.3999,
0.4210

 7.1378, 0.4868,
0.5132

 253.2649, 0.3948,
0.4157

 3.5484, 0.4866,
0.5134

304.4202, 0.3903,

 1.4243, 0.4864,

0.4109

0.5136

362.0378, 0.3862,
0.4066

■ 0.2345, 0.4832,
0.5168

■ 0.0000, 0.0000,
0.0000

■ 60.5174, 0.4360,
0.4592

■ 60.5174, 0.4360,
0.4592

■ 57.8908, 0.4491,
0.4668

■ 63.3510, 0.4205,
0.4472


■ 55.4459, 0.4592,
0.4695


■ 66.3967, 0.4032,
0.4316


■ 53.6847, 0.4651,
0.4689


■ 69.6695, 0.3851,
0.4134


■ 73.1804, 0.3668,
0.3936

 76.9393, 0.3490,
0.3733

 80.9555, 0.3321,
0.3531

 85.2375, 0.3163,
0.3335

 89.6503, 0.3030,
0.3171

 92.8339, 0.3030,
0.3223

Harmonies

Analogous

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



60.5174, 0.4808, 0.4006



60.5174, 0.4360, 0.4592



60.5174, 0.3621, 0.4917

Triad

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



60.5174, 0.4360, 0.4592



60.5174, 0.1723, 0.2855



60.5174, 0.3279, 0.2324

Complementary

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



60.5174, 0.4360, 0.4592



17.2877, 0.1839, 0.1396

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.



60.5174, 0.2460, 0.2046



60.5174, 0.4360, 0.4592



60.5174, 0.1666, 0.2258

Square

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



60.5174, 0.4360, 0.4592



60.5174, 0.2108, 0.3773



60.5174, 0.1911, 0.2009



60.5174, 0.4171, 0.2794

Rectangle

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



60.5174, 0.4360, 0.4592



60.5174, 0.3068, 0.4812



60.5174, 0.1911, 0.2009



60.5174, 0.2983, 0.2207

Sweetspot

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



60.5203, 0.4360, 0.4592



89.2936, 0.3485, 0.3727



23.2946, 0.5047, 0.2927



18.8520, 0.3533, 0.3782



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.



60.5203, 0.4360, 0.4592



65.6638, 0.4544, 0.4687



73.4272, 0.3743, 0.5109



17.8360, 0.3274, 0.3473



29.8781, 0.4643, 0.4696



2.6293, 0.4572, 0.4752

Inverse Universe

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



17.2877, 0.1839, 0.1396



13.5560, 0.1651, 0.1032



13.5853, 0.2006, 0.1125



15.7911, 0.2980, 0.3100



4.9814, 0.1564, 0.0831



0.5571, 0.1630, 0.1066

Previews

White Background



This preview shows how the Yxy color 60.5174, 0.4360, 0.4592 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 60.5174, 0.4360, 0.4592 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 60.5174, 0.4360, 0.4592

Background



This preview shows how black text looks on a background with the Yxy color 60.5174, 0.4360, 0.4592.



This preview shows how white text looks on a background with the Yxy color 60.5174, 0.4360, 0.4592.

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

60.5174, 0.4360, 0.4592

Protanopia

60.7259, 0.4243, 0.4671

Deuteranopia

60.3246, 0.4514, 0.4411



Tritanopia

60.3704, 0.3526, 0.3144

Trichromacy



Original Color

60.5174, 0.4360, 0.4592

Protanomaly

60.9146, 0.4283, 0.4642

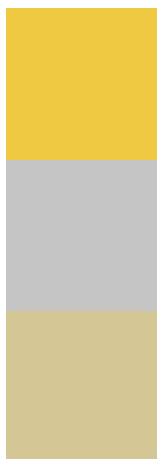
Deuteranomaly

60.5144, 0.4456, 0.4484

Tritanomaly

59.8523, 0.3887, 0.3724

Monochromacy



Original Color

60.5174, 0.4360, 0.4592

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.5551, 0.3617, 0.3876

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.5174, 0.4360, 0.4592 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, 201, 66)` looks like.

```
.text, #text, p{  
    color:rgb(239, 201, 66)  
}
```

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, 201, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 201, 66) }
```

Border

The CSS property to change the border of an element to Yxy 60.5174, 0.4360, 0.4592 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, 201, 66) }
```

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

```
.border{ border-color:rgb(239, 201, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 201, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 201, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 201, 66);  
box-shadow:4px 4px 4px 4px rgb(239, 201,  
66) }
```


Background

The CSS property to change the background color of an element to Yxy 60.5174, 0.4360, 0.4592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 201, 66) }
```

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

```
.background{ background-color: rgb(239,  
201, 66) }
```

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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