

Converting Colors

Yxy(61.3026, 0.4366, 0.4630)

Have a look what the booklet for
Yxy(61.3026, 0.4366, 0.4630)
contains.

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Color

Yxy(61.4104, 0.4361, 0.4631)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | EFCB3E |
| RGB | 239, 203, 62 |
| RGB Percent | 94%, 80%, 24% |
| CMY | 0.0626, 0.2039, 0.7567 |
| CMYK | 0.00, 0.15, 0.74, 0.06 |
| HSL | 48°, 85%, 59% |
| HSV | 48°, 74%, 94% |
| XYZ | 57.8300, 61.4104, 13.3668 |
| YIQ | 197.6900, 66.7170, -36.2190 |

Conversions

Conversions Part 2

| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 107, 239, 62 |
| Decimal | 15715134 |
| CIELab | 82.60, -1.31, 70.60 |
| CIELCh | 83, 70.610, 91.064 |
| Yxy | 61.4104, 0.4361, 0.4631 |
| Android (android.graphics.Color) | 4293905214 (0xFFEFCB3E) |
| YUV | 197.6900, -66.8952, 36.2289 |
| Hunter-Lab | 78.3648, -5.4127, 44.7422 |

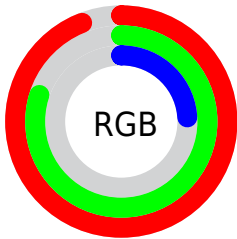
Details

The Yxy color **61.4104, 0.4361, 0.4631** is a light color, and the websafe version is hex **FFCC33**.

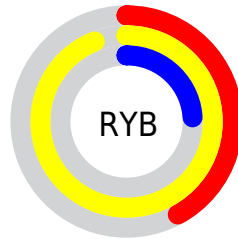
The color can be described as light washed yellow. A complement of this color would be **16.0066, 0.1805, 0.1317**, and the grayscale version is **56.6626, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1119, 0.3903, 0.4572**, and **31.0786, 0.4523, 0.4791** is the 20% darker color. If you saturate the color by 10%, you get **58.9435, 0.4481, 0.4701**, and if you desaturate by 10%, it is **64.0707, 0.4215, 0.4516**.

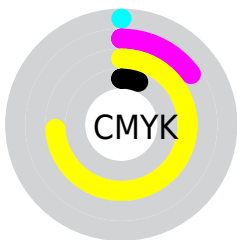
Distribution



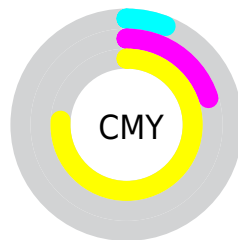
- Red (94%)
- Green (80%)
- Blue (24%)



- Red (42%)
- Yellow (94%)
- Blue (24%)



- Cyan (0%)
- Magenta (15%)
- Yellow (74%)
- Black (6%)





- Cyan (6%)
- Magenta (20%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.4104, 0.4361, 0.4631 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 61.4104, 0.4361, 0.4631 by changing the saturation by 10% instead.


 61.4104, 0.4361,
0.4631

 61.4104, 0.4361,
0.4631


429.7772, 0.3832,
0.4051


 44.5565, 0.4458,
0.4739

 106.8729, 0.4194,
0.4447

 31.1082, 0.4562,
0.4856


 136.2503, 0.4124,
0.4370

 20.6813, 0.4668,
0.4977


 170.5710, 0.4061,
0.4301

 12.8912, 0.4796,
0.5125

 210.2193, 0.4005,
0.4240

 7.3537, 0.4826,
0.5174

 255.5797, 0.3955,
0.4185

 3.6843, 0.4814,
0.5186

307.0365, 0.3910,

 1.4986, 0.4793,

0.4136

0.5207

364.9742, 0.3869,
0.4091

■ 0.2877, 0.4563,
0.5437

■ 0.0000, 0.0000,
0.0000

■ 61.4104, 0.4361,
0.4631

■ 61.4104, 0.4361,
0.4631

■ 58.9435, 0.4481,
0.4701

■ 64.0707, 0.4215,
0.4516

■ 56.6441, 0.4571,
0.4723

■ 66.9295, 0.4050,
0.4363

■ 55.3414, 0.4613,
0.4719

■ 70.0021, 0.3874,
0.4181

■ 73.2993, 0.3694,
0.3983

■ 76.8312, 0.3517,
0.3776

■ 80.6069, 0.3347,
0.3570

■ 84.6349, 0.3188,
0.3369

■ 88.9235, 0.3041,
0.3178

■ 91.9696, 0.3030,
0.3209

Harmonies

Analogous

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



61.4104, 0.4834, 0.4033



61.4104, 0.4361, 0.4631



61.4104, 0.3600, 0.4957

Triad

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



61.4104, 0.4361, 0.4631



61.4104, 0.1690, 0.2817



61.4104, 0.3311, 0.2318

Complementary

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



61.4104, 0.4361, 0.4631



16.0066, 0.1805, 0.1317

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.



61.4104, 0.2467, 0.2028



61.4104, 0.4361, 0.4631



61.4104, 0.1643, 0.2223

Square

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



61.4104, 0.4361, 0.4631



61.4104, 0.2068, 0.3752



61.4104, 0.1901, 0.1982



61.4104, 0.4221, 0.2800

Rectangle

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



61.4104, 0.4361, 0.4631



61.4104, 0.3036, 0.4838



61.4104, 0.1901, 0.1982



61.4104, 0.3007, 0.2197

Sweetspot

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



61.4134, 0.4361, 0.4631



89.8271, 0.3483, 0.3735



22.7320, 0.5160, 0.2959



18.9793, 0.3530, 0.3792



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.



61.4134, 0.4361, 0.4631



66.8452, 0.4532, 0.4718



72.9014, 0.3726, 0.5154



17.8805, 0.3273, 0.3477



30.7673, 0.4605, 0.4725



2.6960, 0.4541, 0.4777

Inverse Universe

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



16.0066, 0.1805, 0.1317



12.3991, 0.1624, 0.0959



13.1391, 0.1999, 0.1094



15.7499, 0.2980, 0.3096



4.7907, 0.1557, 0.0803



0.5356, 0.1620, 0.1032

Previews

White Background



This preview shows how the Yxy color 61.4104, 0.4361, 0.4631 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 61.4104, 0.4361, 0.4631 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 61.4104, 0.4361, 0.4631

Background



This preview shows how black text looks on a background with the Yxy color 61.4104, 0.4361, 0.4631.



This preview shows how white text looks on a background with the Yxy color 61.4104, 0.4361, 0.4631.

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

61.4104, 0.4361, 0.4631

Protanopia

61.4904, 0.4268, 0.4693

Deuteranopia

61.3491, 0.4452, 0.4370



Tritanopia

61.5105, 0.3514, 0.3144

Trichromacy



Original Color

61.4104, 0.4361, 0.4631

Protanomaly

61.5139, 0.4300, 0.4668

Deuteranomaly

61.4946, 0.4416, 0.4470

Tritanomaly

60.8900, 0.3896, 0.3754

Monochromacy



Original Color

61.4104, 0.4361, 0.4631

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

57.6246, 0.3619, 0.3897

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.4104, 0.4361, 0.4631 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, 203, 62)` looks like.

```
.text, #text, p{  
    color:rgb(239, 203, 62)  
}
```

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, 203, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 203, 62) }
```

Border

The CSS property to change the border of an element to Yxy 61.4104, 0.4361, 0.4631 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, 203, 62) }
```

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

```
.border{ border-color:rgb(239, 203, 62) }
```

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

Here you see how a box with a 4 pixel rgb(239, 203, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 203, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 203, 62);  
box-shadow:4px 4px 4px 4px rgb(239, 203,  
62) }
```


Background

The CSS property to change the background color of an element to Yxy 61.4104, 0.4361, 0.4631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 203, 62) }
```

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

```
.background{ background-color: rgb(239,  
203, 62) }
```

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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