

Converting Colors

$Yxy(60.5076, 0.4408, 0.4767)$

Have a look what the booklet for
Yxy(60.5076, 0.4408, 0.4767)
contains.

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Color

Yxy(60.5076, 0.4408, 0.4767)

Conversions

Conversions Part 1

Format	Color
Hex	EBCB25
RGB	235, 203, 37
RGB Percent	92%, 80%, 15%
CMY	0.0784, 0.2039, 0.8553
CMYK	0.00, 0.14, 0.84, 0.08
HSL	50°, 83%, 53%
HSV	50°, 84%, 92%
XYZ	55.9508, 60.5076, 10.4717
YIQ	193.6440, 72.3580, -44.8420

Conversions

Conversions Part 2

Format	Color
RYB	75, 235, 37
Decimal	15452965
CIELab	82.11, -3.86, 77.53
CIELCh	82, 77.624, 92.849
Yxy	60.5076, 0.4408, 0.4767
Android (android.graphics.Color)	4293643045 (0xFFEBCB25)
YUV	193.6440, -77.2255, 36.2692
Hunter-Lab	77.7866, -7.7341, 46.4689

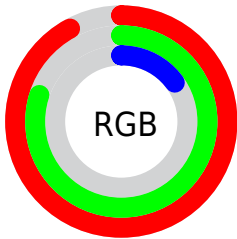
Details

The Yxy color **60.5076, 0.4408, 0.4767** 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 **10.6340, 0.1652, 0.0983**, and the grayscale version is **54.1561, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7001, 0.3986, 0.4709**, and **30.6089, 0.4480, 0.4824** is the 20% darker color. If you saturate the color by 10%, you get **58.6365, 0.4483, 0.4796**, and if you desaturate by 10%, it is **62.5231, 0.4304, 0.4692**.

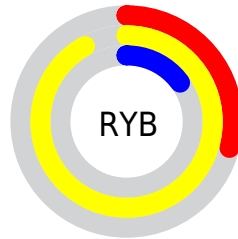
Distribution



Red (92%)

Green (80%)

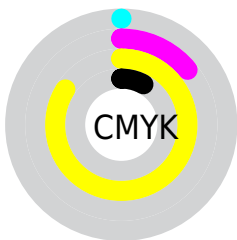
Blue (15%)



Red (29%)

Yellow (92%)

Blue (15%)

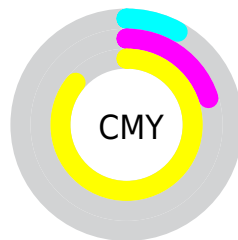


Cyan (0%)

Magenta (14%)

Yellow (84%)

Black (8%)



Cyan (8%)


Magenta (20%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.5076, 0.4408, 0.4767 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 60.5076, 0.4408, 0.4767 by changing the saturation by 10% instead.


 60.5076, 0.4408,
0.4767


 60.5076, 0.4408,
0.4767

426.4662, 0.3877,
0.4138


 43.8279, 0.4497,
0.4879

 105.5657, 0.4247,
0.4571


 30.5352, 0.4588,
0.4997


 134.7128, 0.4177,
0.4488

 20.2452, 0.4670,
0.5112


 168.7846, 0.4113,
0.4413

 12.5734, 0.4757,
0.5243

 208.1653, 0.4056,
0.4346

 7.1355, 0.4732,
0.5268

 253.2395, 0.4004,
0.4286

 3.5470, 0.4695,
0.5305

 304.3914, 0.3958,

 1.4235, 0.4631,

0.4231

0.5369

362.0055, 0.3915,
0.4182

■ 0.2340, 0.3539,
0.6461

■ 0.0000, 0.0000,
0.0000

■ 60.5076, 0.4408,
0.4767

■ 60.5076, 0.4408,
0.4767

■ 58.6365, 0.4483,
0.4796


■ 62.5231, 0.4304,
0.4692

■ 57.6159, 0.4516,
0.4797

■ 64.6904, 0.4174,
0.4572


■ 67.0256, 0.4023,
0.4414


■ 69.5403, 0.3858,
0.4227

 72.2444, 0.3687,
0.4020

 75.1475, 0.3515,
0.3805

 78.2579, 0.3349,
0.3589

 81.5836, 0.3192,
0.3378

 85.1320, 0.3045,
0.3177

Harmonies

Analogous

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



60.5076, 0.4968, 0.4106



60.5076, 0.4408, 0.4767



60.5076, 0.3565, 0.5137

Triad

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



60.5076, 0.4408, 0.4767



60.5076, 0.1556, 0.2706



60.5076, 0.3384, 0.2261

Complementary

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



60.5076, 0.4408, 0.4767



10.6340, 0.1652, 0.0983

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.



60.5076, 0.2449, 0.1938



60.5076, 0.4408, 0.4767



60.5076, 0.1532, 0.2095

Square

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



60.5076, 0.4408, 0.4767



60.5076, 0.1930, 0.3728



60.5076, 0.1824, 0.1868



60.5076, 0.4386, 0.2785

Rectangle

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



60.5076, 0.4408, 0.4767



60.5076, 0.2953, 0.4993



60.5076, 0.1824, 0.1868



60.5076, 0.3046, 0.2128

Sweetspot

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



60.5105, 0.4408, 0.4767



90.1576, 0.3529, 0.3823



19.4212, 0.5711, 0.3079



19.0290, 0.3589, 0.3899



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.



60.5105, 0.4408, 0.4767



69.2573, 0.4517, 0.4795



67.9840, 0.3659, 0.5361



17.1885, 0.3272, 0.3486



32.2232, 0.4510, 0.4801



2.6410, 0.4458, 0.4842

Inverse Universe

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



10.6340, 0.1652, 0.0983



8.8190, 0.1533, 0.0717



10.1953, 0.1916, 0.0919



14.9419, 0.2980, 0.3086



4.2290, 0.1539, 0.0740



0.4499, 0.1600, 0.0961

Previews

White Background



This preview shows how the Yxy color 60.5076, 0.4408, 0.4767 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 60.5076, 0.4408, 0.4767 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 60.5076, 0.4408, 0.4767

Background



This preview shows how black text looks on a background with the Yxy color 60.5076, 0.4408, 0.4767.



This preview shows how white text looks on a background with the Yxy color 60.5076, 0.4408, 0.4767.

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

60.5076, 0.4408, 0.4767

Protanopia

60.6192, 0.4350, 0.4812

Deuteranopia

60.2252, 0.4551, 0.4458



Tritanopia

60.3477, 0.3482, 0.3132

Trichromacy



Original Color

60.5076, 0.4408, 0.4767

Protanomaly

60.4751, 0.4375, 0.4792

Deuteranomaly

60.1648, 0.4510, 0.4571

Tritanomaly

59.4440, 0.3938, 0.3846

Monochromacy



Original Color

60.5076, 0.4408, 0.4767

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

55.2940, 0.3687, 0.4015

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.5076, 0.4408, 0.4767 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, 203, 37)` looks like.

```
.text, #text, p{  
    color:rgb(235, 203, 37)  
}
```

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, 203, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 203, 37) }
```

Border

The CSS property to change the border of an element to Yxy 60.5076, 0.4408, 0.4767 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, 203, 37) }
```

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

```
.border{ border-color:rgb(235, 203, 37) }
```

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

Here you see how a box with a 4 pixel rgb(235, 203, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 203, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 203, 37);  
box-shadow:4px 4px 4px 4px rgb(235, 203,  
37) }
```


Background

The CSS property to change the background color of an element to Yxy 60.5076, 0.4408, 0.4767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 203, 37) }
```

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

```
.background{ background-color: rgb(235,  
203, 37) }
```

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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