

Converting Colors

Yxy(58.6529, 0.4167, 0.4588)

Have a look what the booklet for
Yxy(58.6529, 0.4167, 0.4588)
contains.

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Color

Yxy(58.6529, 0.4167, 0.4588)

Conversions

Conversions Part 1

Format	Color
Hex	E0CA4F
RGB	224, 202, 79
RGB Percent	88%, 79%, 31%
CMY	0.1216, 0.2078, 0.6901
CMYK	0.00, 0.10, 0.65, 0.12
HSL	51°, 70%, 59%
HSV	51°, 65%, 88%
XYZ	53.2708, 58.6529, 15.9161
YIQ	194.5560, 52.5950, -33.5890

Conversions

Conversions Part 2

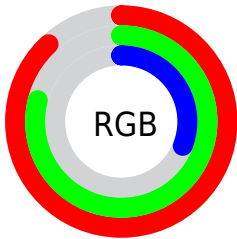
Format	Color
RYB	105, 224, 79
Decimal	14731855
CIELab	81.10, -6.29, 62.06
CIElCh	81, 62.378, 95.790
Yxy	58.6529, 0.4167, 0.4588
Android (android.graphics.Color)	4292921935 (0xFFE0CA4F)
YUV	194.5560, -56.9691, 25.8224
Hunter-Lab	76.5852, -9.8637, 41.2879

Details

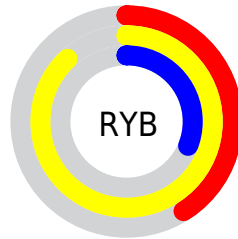
The Yxy color **58.6529, 0.4167, 0.4588** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **16.3548, 0.1935, 0.1484**, and the grayscale version is **54.6197, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.4735, 0.3834, 0.4459**, and **29.2228, 0.4350, 0.4849** is the 20% darker color. If you saturate the color by 10%, you get **56.8059, 0.4293, 0.4708**, and if you desaturate by 10%, it is **60.6504, 0.4020, 0.4430**.

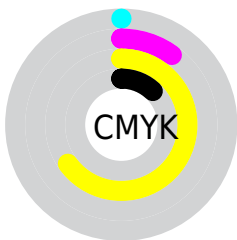
Distribution



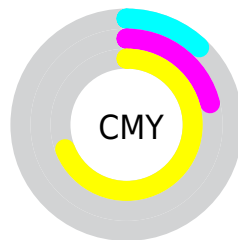
- Red (88%)
- Green (79%)
- Blue (31%)



- Red (41%)
- Yellow (88%)
- Blue (31%)



- Cyan (0%)
- Magenta (10%)
- Yellow (65%)
- Black (12%)




- Cyan (12%)
- Magenta (21%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.6529, 0.4167, 0.4588 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 58.6529, 0.4167, 0.4588 by changing the saturation by 10% instead.

 58.6529, 0.4167,
0.4588

 58.6529, 0.4167,
0.4588


419.6144, 0.3711,
0.3997


 42.3338, 0.4255,
0.4709

 102.8730, 0.4020,
0.4391

 29.3627, 0.4351,
0.4848

 131.5428, 0.3959,
0.4312


 19.3554, 0.4453,
0.5004


 165.0983, 0.3905,
0.4242

 11.9274, 0.4554,
0.5179

 203.9238, 0.3857,
0.4181

 6.6942, 0.4637,
0.5363

 248.4038, 0.3814,
0.4127

 3.2716, 0.4573,
0.5427

298.9226, 0.3776,

 1.2751, 0.4460,

0.4079

0.5540

355.8647, 0.3742,
0.4036

0.1218, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

58.6529, 0.4167,
0.4588

58.6529, 0.4167,
0.4588

56.8059, 0.4293,
0.4708

60.6504, 0.4020,
0.4430

55.0893, 0.4392,
0.4783

62.8002, 0.3858,
0.4242

53.4916, 0.4463,
0.4812

65.1142, 0.3689,
0.4035

52.6831, 0.4493,
0.4815

67.6005, 0.3520,
0.3819

■ 70.2668, 0.3355,
0.3601

■ 73.1201, 0.3198,
0.3387

■ 76.1670, 0.3051,
0.3184

■ 79.2043, 0.2935,
0.3024

■ 81.1043, 0.2935,
0.3060

Harmonies

Analogous

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



58.6529, 0.4637, 0.4083



58.6529, 0.4167, 0.4588



58.6529, 0.3454, 0.4778

Triad

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



58.6529, 0.4167, 0.4588



58.6529, 0.1787, 0.2768



58.6529, 0.3430, 0.2462

Complementary

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



58.6529, 0.4167, 0.4588



16.3548, 0.1935, 0.1484

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.



58.6529, 0.2640, 0.2162



58.6529, 0.4167, 0.4588



58.6529, 0.1786, 0.2270

Square

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



58.6529, 0.4167, 0.4588



58.6529, 0.2095, 0.3567



58.6529, 0.2072, 0.2084



58.6529, 0.4221, 0.2933

Rectangle

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



58.6529, 0.4167, 0.4588



58.6529, 0.2940, 0.4590



58.6529, 0.2072, 0.2084



58.6529, 0.3152, 0.2340

Sweetspot

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



58.6557, 0.4167, 0.4588



92.6647, 0.3427, 0.3697



22.4254, 0.4882, 0.3041



19.6148, 0.3475, 0.3760



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.



58.6557, 0.4167, 0.4588



75.3101, 0.4335, 0.4742



63.0624, 0.3639, 0.5000



15.6568, 0.3271, 0.3487



30.8045, 0.4487, 0.4819



2.2324, 0.4435, 0.4861

Inverse Universe

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



16.3548, 0.1935, 0.1484



14.7609, 0.1719, 0.1101



15.5169, 0.2222, 0.1376



13.5771, 0.2981, 0.3085



3.9019, 0.1536, 0.0730



0.3766, 0.1603, 0.0970

Previews

White Background



This preview shows how the Yxy color 58.6529, 0.4167, 0.4588 looks on a white background.

Color Contrast Check

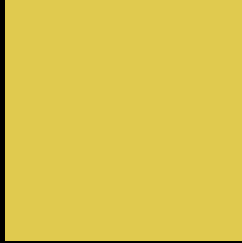
Large Text (above 18pt) WCAG AA × Fail

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 58.6529, 0.4167, 0.4588 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 58.6529, 0.4167, 0.4588

Background



This preview shows how black text looks on a background with the Yxy color 58.6529, 0.4167, 0.4588.



This preview shows how white text looks on a background with the Yxy color 58.6529, 0.4167, 0.4588.

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

58.6529, 0.4167, 0.4588

Protanopia

58.8131, 0.4176, 0.4583

Deuteranopia

58.6325, 0.4443, 0.4357



Tritanopia

58.4170, 0.3391, 0.3127

Trichromacy



Original Color

58.6529, 0.4167, 0.4588

Protanomaly

58.8131, 0.4176, 0.4583

Deuteranomaly

58.7747, 0.4344, 0.4440

Tritanomaly

58.0757, 0.3714, 0.3687

Monochromacy



Original Color

58.6529, 0.4167, 0.4588

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.8099, 0.3535, 0.3838

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.6529, 0.4167, 0.4588 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(224, 202, 79)` looks like.

```
.text, #text, p{  
    color:rgb(224, 202, 79)  
}
```

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(224, 202, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 202, 79) }
```

Border

The CSS property to change the border of an element to Yxy 58.6529, 0.4167, 0.4588 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(224, 202, 79) }
```

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

```
.border{ border-color:rgb(224, 202, 79) }
```

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

Here you see how a box with a 4 pixel rgb(224, 202, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 202, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 202, 79);  
box-shadow:4px 4px 4px 4px rgb(224, 202,  
79) }
```


Background

The CSS property to change the background color of an element to Yxy 58.6529, 0.4167, 0.4588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 202, 79) }
```

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

```
.background{ background-color: rgb(224,  
202, 79) }
```

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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