

Converting Colors

Yxy(60.8285, 0.4144, 0.4541)

Have a look what the booklet for
Yxy(60.8285, 0.4144, 0.4541)
contains.

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Color

Yxy(60.8285, 0.4144, 0.4541)

Conversions

Conversions Part 1

Format	Color
Hex	E4CD56
RGB	228, 205, 86
RGB Percent	89%, 80%, 34%
CMY	0.1058, 0.1961, 0.6628
CMYK	0.00, 0.10, 0.62, 0.11
HSL	50°, 72%, 62%
HSV	50°, 62%, 89%
XYZ	55.5105, 60.8285, 17.6149
YIQ	198.3110, 51.9070, -32.1330

Conversions

Conversions Part 2

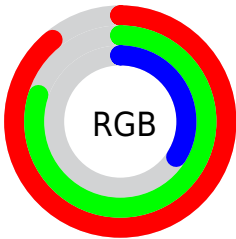
Format	Color
RYB	113, 228, 86
Decimal	14994774
CIELab	82.29, -5.71, 60.48
CIElCh	82, 60.750, 95.390
Yxy	60.8285, 0.4144, 0.4541
Android (android.graphics.Color)	4293184854 (0xFFE4CD56)
YUV	198.3110, -55.3693, 26.0373
Hunter-Lab	77.9926, -9.4414, 41.2040

Details

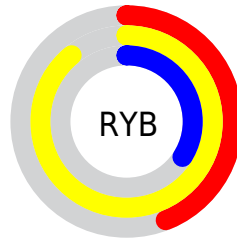
The Yxy color **60.8285, 0.4144, 0.4541** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **18.5186, 0.1982, 0.1575**, and the grayscale version is **56.9929, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.6734, 0.3798, 0.4400**, and **30.6569, 0.4325, 0.4795** is the 20% darker color. If you saturate the color by 10%, you get **58.7732, 0.4279, 0.4669**, and if you desaturate by 10%, it is **63.0485, 0.3989, 0.4376**.

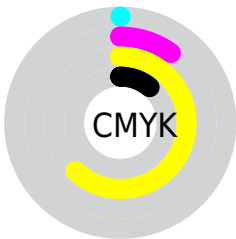
Distribution



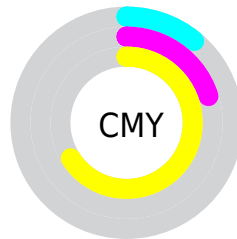
- Red (89%)
- Green (80%)
- Blue (34%)



- Red (44%)
- Yellow (89%)
- Blue (34%)



- Cyan (0%)
- Magenta (10%)
- Yellow (62%)
- Black (11%)




- Cyan (11%)
- Magenta (20%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.8285, 0.4144, 0.4541 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 60.8285, 0.4144, 0.4541 by changing the saturation by 10% instead.

 60.8285, 0.4144,
0.4541

 60.8285, 0.4144,
0.4541

427.6449, 0.3697,
0.3973


 44.0868, 0.4231,
0.4658


 106.0306, 0.3999,
0.4352


 30.7387, 0.4329,
0.4794


 135.2597, 0.3939,
0.4275

 20.4000, 0.4434,
0.4947


 169.4201, 0.3886,
0.4209

 12.6861, 0.4536,
0.5113

 208.8962, 0.3840,
0.4150

 7.2128, 0.4665,
0.5335

254.0723, 0.3798,
0.4098

 3.5955, 0.4610,
0.5390

305.3329, 0.3761,

 1.4500, 0.4515,

0.4052

0.5485

363.0623, 0.3727,
0.4010

■ 0.2531, 0.2858,
0.7142

■ 0.0000, 0.0000,
0.0000

■ 60.8285, 0.4144,
0.4541

■ 60.8285, 0.4144,
0.4541

■ 58.7732, 0.4279,
0.4669

■ 63.0485, 0.3989,
0.4376

■ 56.8622, 0.4389,
0.4754

■ 65.4349, 0.3823,
0.4184

■ 55.0840, 0.4470,
0.4792

■ 67.9999, 0.3651,
0.3976

■ 53.7865, 0.4516,
0.4796

■ 70.7520, 0.3481,
0.3761

■ 73.6989, 0.3317,
0.3545

■ 76.8480, 0.3161,
0.3337

■ 80.2061, 0.3017,
0.3138

■ 82.8863, 0.2961,
0.3082

■ 85.0196, 0.2962,
0.3120

Harmonies

Analogous

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



60.8285, 0.4589, 0.4057



60.8285, 0.4144, 0.4541



60.8285, 0.3459, 0.4720

Triad

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



60.8285, 0.4144, 0.4541



60.8285, 0.1832, 0.2799



60.8285, 0.3410, 0.2484

Complementary

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



60.8285, 0.4144, 0.4541



18.5186, 0.1982, 0.1575

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.



60.8285, 0.2650, 0.2194



60.8285, 0.4144, 0.4541



60.8285, 0.1826, 0.2310

Square

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



60.8285, 0.4144, 0.4541



60.8285, 0.2137, 0.3570



60.8285, 0.2101, 0.2123



60.8285, 0.4171, 0.2940

Rectangle

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



60.8285, 0.4144, 0.4541



60.8285, 0.2961, 0.4541



60.8285, 0.2101, 0.2123



60.8285, 0.3142, 0.2366

Sweetspot

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



60.8314, 0.4144, 0.4541



92.3544, 0.3428, 0.3692



24.2686, 0.4782, 0.3044



19.5388, 0.3476, 0.3754



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.



60.8314, 0.4144, 0.4541



74.9391, 0.4317, 0.4701



65.9550, 0.3630, 0.4946



16.3985, 0.3272, 0.3485



31.1992, 0.4510, 0.4801



2.4123, 0.4456, 0.4844

Inverse Universe

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



18.5186, 0.1982, 0.1575



16.4409, 0.1766, 0.1199



17.2687, 0.2261, 0.1443



14.2626, 0.2980, 0.3087



4.1099, 0.1540, 0.0742



0.4185, 0.1605, 0.0977

Previews

White Background



This preview shows how the Yxy color 60.8285, 0.4144, 0.4541 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 60.8285, 0.4144, 0.4541 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 60.8285, 0.4144, 0.4541

Background



This preview shows how black text looks on a background with the Yxy color 60.8285, 0.4144, 0.4541.



This preview shows how white text looks on a background with the Yxy color 60.8285, 0.4144, 0.4541.

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

60.8285, 0.4144, 0.4541

Protanopia

60.8285, 0.4144, 0.4541

Deuteranopia

60.8223, 0.4413, 0.4316



Tritanopia

60.5550, 0.3395, 0.3129

Trichromacy



Original Color

60.8285, 0.4144, 0.4541

Protanomaly

60.8285, 0.4144, 0.4541

Deuteranomaly

60.9639, 0.4316, 0.4397

Tritanomaly

60.2390, 0.3706, 0.3670

Monochromacy



Original Color

60.8285, 0.4144, 0.4541

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

57.7629, 0.3521, 0.3819

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.8285, 0.4144, 0.4541 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(228, 205, 86)` looks like.

```
.text, #text, p{  
    color:rgb(228, 205, 86)  
}
```

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(228, 205, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 205, 86) }
```

Border

The CSS property to change the border of an element to Yxy 60.8285, 0.4144, 0.4541 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(228, 205, 86) }
```

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

```
.border{ border-color:rgb(228, 205, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 205, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 205, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 205, 86);  
box-shadow:4px 4px 4px 4px rgb(228, 205,  
86) }
```


Background

The CSS property to change the background color of an element to Yxy 60.8285, 0.4144, 0.4541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 205, 86) }
```

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

```
.background{ background-color: rgb(228,  
205, 86) }
```

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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