

Converting Colors

$Yxy(63.2120, 0.4510, 0.4958)$

Have a look what the booklet for
Yxy(63.2120, 0.4510, 0.4958)
contains.

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Color

Yxy(63.2889, 0.4438, 0.4858)

Conversions

Conversions Part 1

Format	Color
Hex	EED000
RGB	238, 208, 0
RGB Percent	93%, 82%, 0%
CMY	0.0667, 0.1843, 0.9995
CMYK	0.00, 0.13, 1.00, 0.07
HSL	52°, 100%, 47%
HSV	52°, 100%, 93%
XYZ	57.8172, 63.2889, 9.1715
YIQ	193.2580, 84.6480, -58.3280

Conversions

Conversions Part 2

Format	Color
R _Y B	34, 238, 0
Decimal	15650816
CIE Lab	83.59, -5.63, 84.04
CIE LCh	84, 84.231, 93.834
Yxy	63.2889, 0.4438, 0.4858
Android (android.graphics.Color)	4293840896 (0xFFEED000)
YUV	193.2580, -95.2762, 39.2387
Hunter-Lab	79.5543, -9.4926, 48.8527

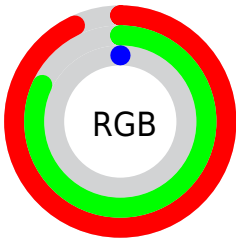
Details

The Yxy color **63.2889, 0.4438, 0.4858** is a light color, and the websafe version is hex **FFCC00**.

The color can be described as light washed yellow. A complement of this color would be **7.1089, 0.1523, 0.0681**, and the grayscale version is **54.0336, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4681, 0.4035, 0.4791**, and **32.4583, 0.4441, 0.4856** is the 20% darker color. If you saturate the color by 10%, you get **63.2840, 0.4438, 0.4858**, and if you desaturate by 10%, it is **64.8349, 0.4388, 0.4844**.

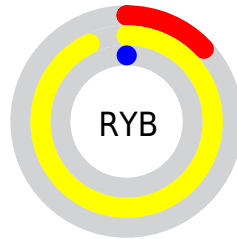
Distribution



Red (93%)

Green (82%)

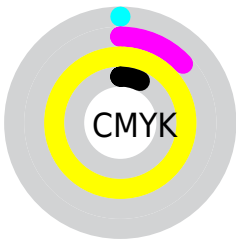
Blue (0%)



Red (13%)

Yellow (93%)

Blue (0%)

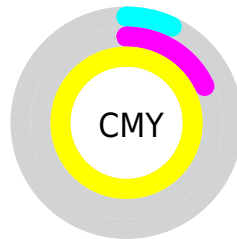


Cyan (0%)

Magenta (13%)

Yellow (100%)

Black (7%)



Cyan (7%)


Magenta (18%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.2889, 0.4438, 0.4858 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 63.2889, 0.4438, 0.4858 by changing the saturation by 10% instead.


 63.2889, 0.4438,
0.4858

 63.2889, 0.4438,
0.4858


436.6172, 0.3916,
0.4206


 46.0750, 0.4519,
0.4968


 109.5862, 0.4285,
0.4660


 32.3050, 0.4596,
0.5082


 139.4384, 0.4217,
0.4574


 21.5946, 0.4665,
0.5195

 174.2720, 0.4154,
0.4496

 13.5593, 0.4707,
0.5293

 214.4716, 0.4097,
0.4426

 7.8148, 0.4673,
0.5327

 260.4216, 0.4046,
0.4363

 3.9767, 0.4622,
0.5378

 312.5062, 0.3998,

 1.6605, 0.4536,

0.4305

0.5464

371.1100, 0.3955,
0.4254

■ 0.3979, 0.3769,
0.6231

■ 0.0000, 0.0000,
0.0000

■ 63.2889, 0.4438,
0.4858

■ 63.2889, 0.4438,
0.4858

■ 63.2840, 0.4438,
0.4858

■ 64.8349, 0.4388,
0.4844

■ 66.4858, 0.4312,
0.4791

■ 68.2697, 0.4208,
0.4692

■ 70.2017, 0.4080,
0.4550

■ 72.2943, 0.3931,
0.4373

■ 74.5586, 0.3771,
0.4171

■ 77.0044, 0.3605,
0.3952

■ 79.6409, 0.3439,
0.3728

■ 82.4763, 0.3279,
0.3505

Harmonies

Analogous

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



63.2889, 0.5059, 0.4149



63.2889, 0.4438, 0.4858



63.2889, 0.3539, 0.5268

Triad

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



63.2889, 0.4438, 0.4858



63.2889, 0.1465, 0.2629



63.2889, 0.3432, 0.2220

Complementary

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



63.2889, 0.4438, 0.4858



7.1089, 0.1523, 0.0681

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.



63.2889, 0.2432, 0.1875



63.2889, 0.4438, 0.4858



63.2889, 0.1456, 0.2009

Square

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



63.2889, 0.4438, 0.4858



63.2889, 0.1835, 0.3712



63.2889, 0.1769, 0.1790



63.2889, 0.4501, 0.2770

Rectangle

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



63.2889, 0.4438, 0.4858



63.2889, 0.2895, 0.5110



63.2889, 0.1769, 0.1790



63.2889, 0.3070, 0.2078

Sweetspot

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



63.2920, 0.4438, 0.4858



90.0128, 0.3608, 0.3956



18.2839, 0.6252, 0.3218



19.0020, 0.3678, 0.4050



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.



63.2920, 0.4438, 0.4858



73.9510, 0.4439, 0.4857



67.7097, 0.3555, 0.5559



18.0989, 0.3271, 0.3495



35.4376, 0.4434, 0.4862



3.0424, 0.4398, 0.4890

Inverse Universe

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



7.1089, 0.1523, 0.0681



8.2616, 0.1521, 0.0677



8.2190, 0.1778, 0.0754



15.5499, 0.2980, 0.3077



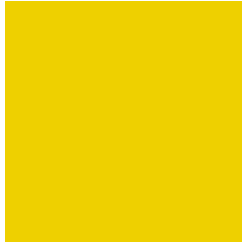
4.0629, 0.1527, 0.0695



0.4401, 0.1576, 0.0875

Previews

White Background



This preview shows how the Yxy color 63.2889, 0.4438, 0.4858 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 63.2889, 0.4438, 0.4858 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 63.2889, 0.4438, 0.4858

Background



This preview shows how black text looks on a background with the Yxy color 63.2889, 0.4438, 0.4858.

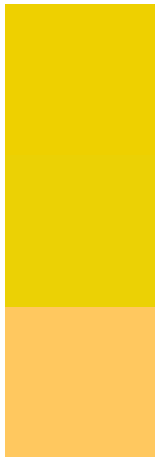


This preview shows how white text looks on a background with the Yxy color 63.2889, 0.4438, 0.4858.

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

63.2889, 0.4438, 0.4858

Protanopia

63.2741, 0.4401, 0.4878

Deuteranopia

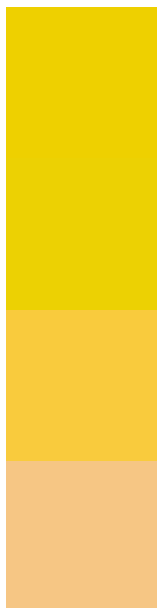
63.3948, 0.4350, 0.4311



Tritanopia

63.0180, 0.3476, 0.3134

Trichromacy



Original Color

63.2889, 0.4438, 0.4858

Protanomaly

63.4404, 0.4411, 0.4874

Deuteranomaly

63.1885, 0.4445, 0.4584

Tritanomaly

61.6469, 0.4038, 0.3991

Monochromacy



Original Color

63.2889, 0.4438, 0.4858

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

55.3735, 0.3786, 0.4188

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.2889, 0.4438, 0.4858 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(238, 208, 0)` looks like.

```
.text, #text, p{  
    color:rgb(238, 208, 0)  
}
```

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(238, 208, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 208, 0) }
```

Border

The CSS property to change the border of an element to Yxy 63.2889, 0.4438, 0.4858 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(238, 208, 0) }
```

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

```
.border{ border-color:rgb(238, 208, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 208, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 208, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 208, 0);  
box-shadow:4px 4px 4px 4px rgb(238, 208,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 63.2889, 0.4438, 0.4858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 208, 0) }
```

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

```
.background{ background-color: rgb(238,  
208, 0) }
```

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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