

Converting Colors

Yxy(56.6813, 0.4603, 0.5078)

Have a look what the booklet for
Yxy(56.6813, 0.4603, 0.5078)
contains.

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Color

Yxy(56.8821, 0.4449, 0.4849)

Conversions

Conversions Part 1

Format	Color
Hex	E4C600
RGB	228, 198, 0
RGB Percent	89%, 78%, 0%
CMY	0.1059, 0.2235, 0.9990
CMYK	0.00, 0.13, 1.00, 0.11
HSL	52°, 100%, 45%
HSV	52°, 100%, 89%
XYZ	52.1898, 56.8821, 8.2349
YIQ	184.3980, 81.4380, -55.2180

Conversions

Conversions Part 2

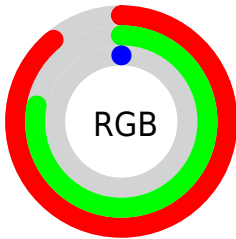
Format	Color
R _Y B	35, 228, 0
Decimal	14992896
CIE Lab	80.11, -4.85, 81.13
CIE LCh	80, 81.278, 93.418
Yxy	56.8821, 0.4449, 0.4849
Android (android.graphics.Color)	4293182976 (0xFFE4C600)
YUV	184.3980, -90.9082, 38.2390
Hunter-Lab	75.4202, -8.4657, 46.3204

Details

The Yxy color **56.8821, 0.4449, 0.4849** is a dark color, and the websafe version is hex **FFCC00**. The color can be described as middle washed yellow. A complement of this color would be **6.5435, 0.1525, 0.0689**, and the grayscale version is **48.6610, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.7837, 0.4051, 0.4802**, and **28.5756, 0.4455, 0.4845** is the 20% darker color. If you saturate the color by 10%, you get **56.8697, 0.4449, 0.4849**, and if you desaturate by 10%, it is **58.3327, 0.4396, 0.4835**.

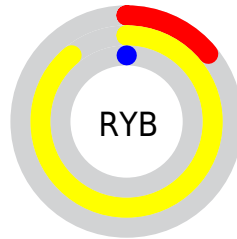
Distribution



Red (89%)

Green (78%)

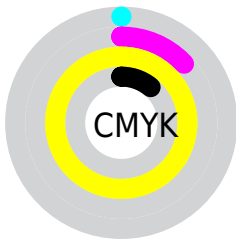
Blue (0%)



Red (14%)

Yellow (89%)

Blue (0%)

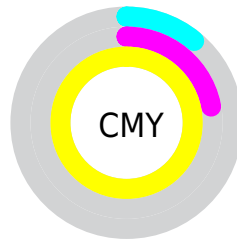


Cyan (0%)

Magenta (13%)

Yellow (100%)

Black (11%)



Cyan (11%)


Magenta (22%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.8821, 0.4449, 0.4849 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 56.8821, 0.4449, 0.4849 by changing the saturation by 10% instead.


 56.8821, 0.4449,
0.4849


 56.8821, 0.4449,
0.4849


413.0074, 0.3909,
0.4188

 40.9106, 0.4534,
0.4962


 100.2931, 0.4289,
0.4646

 28.2492, 0.4615,
0.5077


 128.5015, 0.4218,
0.4559

 18.5136, 0.4696,
0.5201


 161.5575, 0.4154,
0.4480

 11.3194, 0.4722,
0.5278

 199.8457, 0.4095,
0.4409

 6.2821, 0.4688,
0.5312

 243.7503, 0.4042,
0.4345

 3.0173, 0.4636,
0.5364

 293.6559, 0.3993,

 1.1408, 0.4544,

0.4288

0.5456

349.9468, 0.3949,
0.4236

■ 0.0125, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 56.8821, 0.4449,
0.4849

■ 56.8821, 0.4449,
0.4849

■ 56.8697, 0.4449,
0.4849

■ 58.3327, 0.4396,
0.4835

■ 59.8804, 0.4318,
0.4781

■ 61.5509, 0.4212,
0.4682

■ 63.3575, 0.4082,
0.4541

■ 65.3117, 0.3932,
0.4364

■ 67.4233, 0.3771,
0.4163

■ 69.7013, 0.3604,
0.3946

■ 72.1539, 0.3438,
0.3723

■ 74.7885, 0.3278,
0.3502

Harmonies

Analogous

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



56.8821, 0.5064, 0.4139



56.8821, 0.4449, 0.4849



56.8821, 0.3552, 0.5267

Triad

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



56.8821, 0.4449, 0.4849



56.8821, 0.1468, 0.2641



56.8821, 0.3416, 0.2213

Complementary

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



56.8821, 0.4449, 0.4849



6.5435, 0.1525, 0.0689

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.



56.8821, 0.2421, 0.1872



56.8821, 0.4449, 0.4849



56.8821, 0.1454, 0.2015

Square

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



56.8821, 0.4449, 0.4849



56.8821, 0.1843, 0.3729



56.8821, 0.1763, 0.1791



56.8821, 0.4488, 0.2761

Rectangle

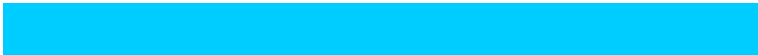
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56.8821, 0.4449, 0.4849



56.8821, 0.2908, 0.5117



56.8821, 0.1763, 0.1791



56.8821, 0.3056, 0.2073

Sweetspot

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



56.8848, 0.4449, 0.4849



89.7543, 0.3609, 0.3952



16.5959, 0.6247, 0.3216



18.9393, 0.3680, 0.4045



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.



56.8848, 0.4449, 0.4849



73.1943, 0.4451, 0.4848



61.4600, 0.3557, 0.5558



16.4763, 0.3271, 0.3492



32.9646, 0.4445, 0.4853



2.5264, 0.4403, 0.4886

Inverse Universe

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



6.5435, 0.1525, 0.0689



8.3403, 0.1523, 0.0683



7.4801, 0.1781, 0.0755



14.1916, 0.2980, 0.3079



3.8676, 0.1529, 0.0704



0.3848, 0.1586, 0.0911

Previews

White Background



This preview shows how the Yxy color 56.8821, 0.4449, 0.4849 looks on a white background.

Color Contrast Check

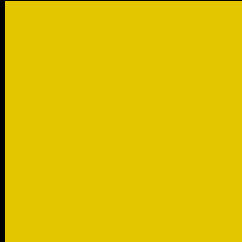
Large Text (above 18pt) WCAG AA × Fail

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 56.8821, 0.4449, 0.4849 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 56.8821, 0.4449, 0.4849

Background



This preview shows how black text looks on a background with the Yxy color 56.8821, 0.4449, 0.4849.



This preview shows how white text looks on a background with the Yxy color 56.8821, 0.4449, 0.4849.

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

56.8821, 0.4449, 0.4849

Protanopia

56.7051, 0.4402, 0.4876

Deuteranopia

56.5375, 0.4704, 0.4592



Tritanopia

56.7089, 0.3483, 0.3138

Trichromacy



Original Color

56.8821, 0.4449, 0.4849

Protanomaly

56.8610, 0.4412, 0.4872

Deuteranomaly

56.7884, 0.4614, 0.4687

Tritanomaly

55.5637, 0.4037, 0.3989

Monochromacy



Original Color

56.8821, 0.4449, 0.4849

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

49.9589, 0.3792, 0.4189

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.8821, 0.4449, 0.4849 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, 198, 0)` looks like.

```
.text, #text, p{  
    color:rgb(228, 198, 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(228, 198, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 198, 0) }
```

Border

The CSS property to change the border of an element to Yxy 56.8821, 0.4449, 0.4849 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, 198, 0) }
```

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

```
.border{ border-color:rgb(228, 198, 0) }
```

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

Here you see how a box with a 4 pixel rgb(228, 198, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 198, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 198, 0);  
box-shadow:4px 4px 4px 4px rgb(228, 198,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 56.8821, 0.4449, 0.4849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 198, 0) }
```

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

```
.background{ background-color: rgb(228,  
198, 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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