

Converting Colors

Yxy(58.5414, 0.4457, 0.4826)

Have a look what the booklet for
Yxy(58.5414, 0.4457, 0.4826)
contains.

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Color

Yxy(58.4841, 0.4455, 0.4827)

Conversions

Conversions Part 1

Format	Color
Hex	E8C809
RGB	232, 200, 9
RGB Percent	91%, 78%, 4%
CMY	0.0903, 0.2156, 0.9650
CMYK	0.00, 0.14, 0.96, 0.09
HSL	51°, 93%, 47%
HSV	51°, 96%, 91%
XYZ	53.9769, 58.4841, 8.6993
YIQ	187.7940, 80.3830, -52.6170

Conversions

Conversions Part 2

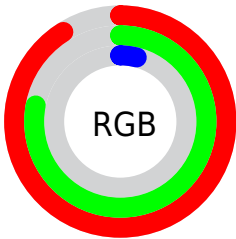
Format	Color
R_{YB}	46, 232, 9
Decimal	15255561
CIE _{Lab}	81.01, -4.08, 81.11
CIE _{LCh}	81, 81.216, 92.878
Yxy	58.4841, 0.4455, 0.4827
Android (android.graphics.Color)	4293445641 (0xFFE8C809)
YUV	187.7940, -88.1454, 38.7687
Hunter-Lab	76.4749, -7.8435, 46.7880

Details

The Yxy color **58.4841, 0.4455, 0.4827** 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 **7.4609, 0.1548, 0.0747**, and the grayscale version is **50.6382, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4681, 0.4035, 0.4791**, and **29.5254, 0.4462, 0.4839** is the 20% darker color. If you saturate the color by 10%, you get **57.8773, 0.4475, 0.4829**, and if you desaturate by 10%, it is **60.1292, 0.4391, 0.4803**.

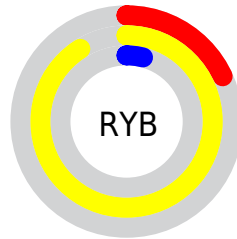
Distribution



Red (91%)

Green (78%)

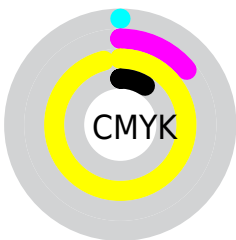
Blue (4%)



Red (18%)

Yellow (91%)

Blue (4%)

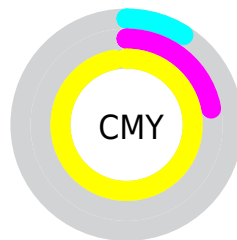


Cyan (0%)

Magenta (14%)

Yellow (96%)

Black (9%)



Cyan (9%)


Magenta (22%)

Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.4841, 0.4455, 0.4827 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 58.4841, 0.4455, 0.4827 by changing the saturation by 10% instead.


 58.4841, 0.4455,
0.4827


 58.4841, 0.4455,
0.4827


418.9874, 0.3913,
0.4180


 42.1980, 0.4542,
0.4938


 102.6275, 0.4294,
0.4629

 29.2563, 0.4626,
0.5051


 131.2535, 0.4222,
0.4543


 19.2748, 0.4706,
0.5166


 164.7616, 0.4157,
0.4466

 11.8690, 0.4748,
0.5252

 203.5362, 0.4099,
0.4396

 6.6546, 0.4721,
0.5279

 247.9617, 0.4045,
0.4334

 3.2470, 0.4679,
0.5321

 298.4225, 0.3997,

 1.2620, 0.4606,

0.4277

0.5394

355.3029, 0.3953,
0.4226

■ 0.1115, 0.0546,
0.9454

■ 0.0000, 0.0000,
0.0000

■ 58.4841, 0.4455,
0.4827

■ 58.4841, 0.4455,
0.4827

■ 57.8773, 0.4475,
0.4829

■ 60.1292, 0.4391,
0.4803

■ 61.8937, 0.4299,
0.4734

■ 63.7967, 0.4179,
0.4620

■ 65.8514, 0.4037,
0.4466

■ 68.0690, 0.3879,
0.4281

■ 70.4595, 0.3713,
0.4074

■ 73.0320, 0.3544,
0.3856

■ 75.7948, 0.3378,
0.3636

■ 78.7554, 0.3220,
0.3419

Harmonies

Analogous

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



58.4841, 0.5055, 0.4123



58.4841, 0.4455, 0.4827



58.4841, 0.3569, 0.5245

Triad

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



58.4841, 0.4455, 0.4827



58.4841, 0.1484, 0.2664



58.4841, 0.3395, 0.2214

Complementary

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



58.4841, 0.4455, 0.4827



7.4609, 0.1548, 0.0747

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.



58.4841, 0.2413, 0.1879



58.4841, 0.4455, 0.4827



58.4841, 0.1463, 0.2033

Square

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



58.4841, 0.4455, 0.4827



58.4841, 0.1865, 0.3748



58.4841, 0.1765, 0.1804



58.4841, 0.4458, 0.2756

Rectangle

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



58.4841, 0.4455, 0.4827



58.4841, 0.2930, 0.5106



58.4841, 0.1765, 0.1804



58.4841, 0.3039, 0.2076

Sweetspot

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



58.4869, 0.4455, 0.4827



89.5422, 0.3594, 0.3922



17.5159, 0.6129, 0.3177



18.8734, 0.3667, 0.4016



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.



58.4869, 0.4455, 0.4827



71.6403, 0.4477, 0.4828



64.5820, 0.3599, 0.5506



16.4465, 0.3271, 0.3490



32.2806, 0.4470, 0.4833



2.4823, 0.4423, 0.4870

Inverse Universe

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



7.4609, 0.1548, 0.0747



8.5149, 0.1527, 0.0695



8.0447, 0.1795, 0.0777



14.2187, 0.2980, 0.3082



3.9548, 0.1533, 0.0718



0.3977, 0.1594, 0.0936

Previews

White Background



This preview shows how the Yxy color 58.4841, 0.4455, 0.4827 looks on a white background.

Color Contrast Check

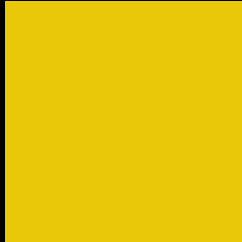
Large Text (above 18pt) WCAG AA × Fail

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 58.4841, 0.4455, 0.4827 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 58.4841, 0.4455, 0.4827

Background



This preview shows how black text looks on a background with the Yxy color 58.4841, 0.4455, 0.4827.



This preview shows how white text looks on a background with the Yxy color 58.4841, 0.4455, 0.4827.

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

58.4841, 0.4455, 0.4827

Protanopia

58.5939, 0.4395, 0.4872

Deuteranopia

58.3984, 0.4696, 0.4596



Tritanopia

58.3426, 0.3496, 0.3141

Trichromacy



Original Color

58.4841, 0.4455, 0.4827

Protanomaly

58.4532, 0.4421, 0.4852

Deuteranomaly

58.2234, 0.4613, 0.4678

Tritanomaly

57.2510, 0.4022, 0.3948

Monochromacy



Original Color

58.4841, 0.4455, 0.4827

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

51.9667, 0.3769, 0.4139

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.4841, 0.4455, 0.4827 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(232, 200, 9)` looks like.

```
.text, #text, p{  
    color:rgb(232, 200, 9)  
}
```

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(232, 200, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 200, 9) }
```

Border

The CSS property to change the border of an element to Yxy 58.4841, 0.4455, 0.4827 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(232, 200, 9) }
```

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

```
.border{ border-color:rgb(232, 200, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 200, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 200, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 200, 9);  
box-shadow:4px 4px 4px 4px rgb(232, 200,  
9) }
```


Background

The CSS property to change the background color of an element to Yxy 58.4841, 0.4455, 0.4827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 200, 9) }
```

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

```
.background{ background-color: rgb(232,  
200, 9) }
```

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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