

Converting Colors

Yxy(65.4574, 0.4403, 0.4870)

Have a look what the booklet for
Yxy(65.4574, 0.4403, 0.4870)
contains.

Yxy(65.4574, 0.4403, 0.4870)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(65.4574, 0.4403, 0.4870)

Conversions

Conversions Part 1

Format	Color
Hex	EFD409
RGB	239, 212, 9
RGB Percent	94%, 83%, 4%
CMY	0.0629, 0.1686, 0.9649
CMYK	0.00, 0.11, 0.96, 0.06
HSL	53°, 93%, 49%
HSV	53°, 96%, 94%
XYZ	59.1805, 65.4574, 9.7716
YIQ	196.9310, 81.2550, -57.4090

Conversions

Conversions Part 2

Format	Color
R _Y B	40, 239, 9
Decimal	15717385
CIE Lab	84.72, -7.18, 84.11
CIE LCh	85, 84.416, 94.877
Yxy	65.4574, 0.4403, 0.4870
Android (android.graphics.Color)	4293907465 (0xFFEFD409)
YUV	196.9310, -92.6500, 36.8945
Hunter-Lab	80.9057, -11.0169, 49.4731

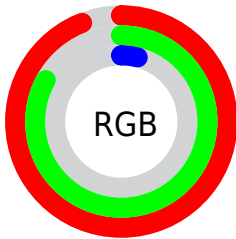
Details

The Yxy color **65.4574, 0.4403, 0.4870** 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 **7.5430, 0.1538, 0.0711**, and the grayscale version is **56.3209, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.5182, 0.4024, 0.4773**, and **33.9187, 0.4405, 0.4885** is the 20% darker color. If you saturate the color by 10%, you get **64.9185, 0.4419, 0.4873**, and if you desaturate by 10%, it is **66.9619, 0.4348, 0.4843**.

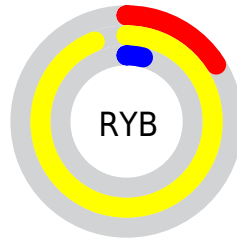
Distribution



Red (94%)

Green (83%)

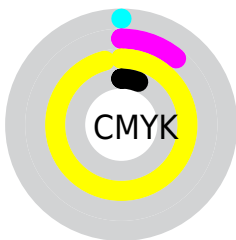
Blue (4%)



Red (16%)

Yellow (94%)

Blue (4%)

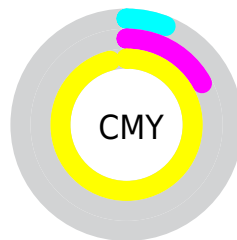


Cyan (0%)

Magenta (11%)

Yellow (96%)

Black (6%)



Cyan (6%)

Magenta (17%)

Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.4574, 0.4403, 0.4870 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 65.4574, 0.4403, 0.4870 by changing the saturation by 10% instead.


 65.4574, 0.4403,
0.4870


 65.4574, 0.4403,
0.4870


444.4338, 0.3899,
0.4211


 47.8321, 0.4481,
0.4983


 112.7072, 0.4256,
0.4668

 33.6939, 0.4555,
0.5101


 143.1005, 0.4190,
0.4581

 22.6586, 0.4617,
0.5218


 178.5185, 0.4130,
0.4503

 14.3416, 0.4665,
0.5335

 219.3457, 0.4075,
0.4432

 8.3586, 0.4623,
0.5377

 265.9664, 0.4024,
0.4369

 4.3253, 0.4561,
0.5439

 318.7651, 0.3979,

 1.8571, 0.4457,

0.4311

378.1261, 0.3937,
0.4259

0.5543

■ 0.5224, 0.3808,
0.6192

■ 0.0000, 0.0000,
0.0000

■ 65.4574, 0.4403,
0.4870

■ 65.4574, 0.4403,
0.4870

■ 64.9185, 0.4419,
0.4873

■ 66.9619, 0.4348,
0.4843

■ 68.5821, 0.4265,
0.4772

■ 70.3389, 0.4154,
0.4656

■ 72.2461, 0.4020,
0.4499

■ 74.3159, 0.3869,
0.4310

■ 76.5589, 0.3707,
0.4099

■ 78.9847, 0.3542,
0.3875

■ 81.6022, 0.3379,
0.3649

■ 84.4195, 0.3221,
0.3425

Harmonies

Analogous

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



65.4574, 0.5031, 0.4172



65.4574, 0.4403, 0.4870



65.4574, 0.3505, 0.5252

Triad

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



65.4574, 0.4403, 0.4870



65.4574, 0.1471, 0.2606



65.4574, 0.3468, 0.2243

Complementary

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



65.4574, 0.4403, 0.4870



7.5430, 0.1538, 0.0711

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.



65.4574, 0.2468, 0.1892



65.4574, 0.4403, 0.4870



65.4574, 0.1472, 0.2006

Square

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



65.4574, 0.4403, 0.4870



65.4574, 0.1826, 0.3666



65.4574, 0.1796, 0.1799



65.4574, 0.4521, 0.2796

Rectangle

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



65.4574, 0.4403, 0.4870



65.4574, 0.2866, 0.5070



65.4574, 0.1796, 0.1799



65.4574, 0.3108, 0.2100

Sweetspot

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



65.4605, 0.4403, 0.4870



90.7149, 0.3589, 0.3940



18.6895, 0.6171, 0.3199



19.1591, 0.3660, 0.4036



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.



65.4605, 0.4403, 0.4870



75.1791, 0.4420, 0.4872



68.6636, 0.3571, 0.5529



18.1243, 0.3271, 0.3497



36.0139, 0.4415, 0.4876



3.0847, 0.4382, 0.4903

Inverse Universe

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



7.5430, 0.1538, 0.0711



8.1421, 0.1519, 0.0668



8.7663, 0.1817, 0.0788



15.5269, 0.2980, 0.3075



3.9991, 0.1524, 0.0686



0.4292, 0.1571, 0.0856

Previews

White Background



This preview shows how the Yxy color 65.4574, 0.4403, 0.4870 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 65.4574, 0.4403, 0.4870 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 65.4574, 0.4403, 0.4870

Background



This preview shows how black text looks on a background with the Yxy color 65.4574, 0.4403, 0.4870.



This preview shows how white text looks on a background with the Yxy color 65.4574, 0.4403, 0.4870.

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

65.4574, 0.4403, 0.4870

Protanopia

65.4574, 0.4403, 0.4870

Deuteranopia

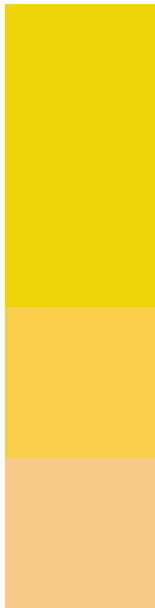
65.1641, 0.4218, 0.4191



Tritanopia

65.1952, 0.3445, 0.3136

Trichromacy



Original Color

65.4574, 0.4403, 0.4870

Protanomaly

65.4574, 0.4403, 0.4870

Deuteranomaly

64.7904, 0.4362, 0.4529

Tritanomaly

63.8502, 0.3982, 0.3968

Monochromacy



Original Color

65.4574, 0.4403, 0.4870

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

57.8231, 0.3752, 0.4153

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.4574, 0.4403, 0.4870 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(239, 212, 9)` looks like.

```
.text, #text, p{  
    color:rgb(239, 212, 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(239, 212, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 212, 9) }
```

Border

The CSS property to change the border of an element to Yxy 65.4574, 0.4403, 0.4870 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(239, 212, 9) }
```

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

```
.border{ border-color:rgb(239, 212, 9) }
```

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

Here you see how a box with a 4 pixel rgb(239, 212, 9) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 212, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 212, 9);  
box-shadow:4px 4px 4px 4px rgb(239, 212,  
9) }
```


Background

The CSS property to change the background color of an element to Yxy 65.4574, 0.4403, 0.4870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 212, 9) }
```

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

```
.background{ background-color: rgb(239,  
212, 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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