

Converting Colors

Yxy(69.4122, 0.4378, 0.4906)

Have a look what the booklet for
Yxy(69.4122, 0.4378, 0.4906)
contains.

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Color

Yxy(69.5403, 0.4374, 0.4909)

Conversions

Conversions Part 1

Format	Color
Hex	F2DB00
RGB	242, 219, 0
RGB Percent	95%, 86%, 0%
CMY	0.0508, 0.1412, 0.9999
CMYK	0.00, 0.10, 1.00, 0.05
HSL	54°, 100%, 47%
HSV	54°, 100%, 95%
XYZ	61.9616, 69.5403, 10.1569
YIQ	200.9110, 84.0070, -63.2330

Conversions

Conversions Part 2

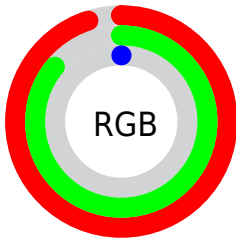
Format	Color
R _Y B	25, 242, 0
Decimal	15915776
CIE Lab	86.77, -9.44, 86.49
CIE LCh	87, 87.000, 96.227
Yxy	69.5403, 0.4374, 0.4909
Android (android.graphics.Color)	4294105856 (0xFFFF2DB00)
YUV	200.9110, -99.0491, 36.0351
Hunter-Lab	83.3908, -13.3038, 51.1521

Details

The Yxy color **69.5403, 0.4374, 0.4909** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light saturated yellow. A complement of this color would be **7.0300, 0.1514, 0.0651**, and the grayscale version is **58.9449, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.5013, 0.4028, 0.4779**, and **36.7340, 0.4357, 0.4923** is the 20% darker color. If you saturate the color by 10%, you get **69.5421, 0.4374, 0.4909**, and if you desaturate by 10%, it is **70.8220, 0.4333, 0.4891**.

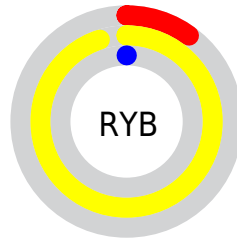
Distribution



Red (95%)

Green (86%)

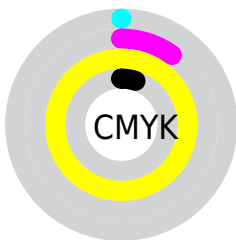
Blue (0%)



Red (10%)

Yellow (95%)

Blue (0%)

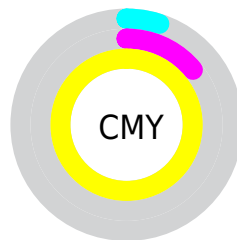


Cyan (0%)

Magenta (10%)

Yellow (100%)

Black (5%)



Cyan (5%)


Magenta (14%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.5403, 0.4374, 0.4909 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 69.5403, 0.4374, 0.4909 by changing the saturation by 10% instead.


 69.5403, 0.4374,
0.4909

 69.5403, 0.4374,
0.4909


458.9343, 0.3893,
0.4239


 51.1519, 0.4445,
0.5024

 118.5530, 0.4236,
0.4704

 36.3295, 0.4512,
0.5145


 149.9460, 0.4174,
0.4616


 24.6888, 0.4566,
0.5265


 186.4426, 0.4116,
0.4536

 15.8453, 0.4608,
0.5392

 228.4273, 0.4063,
0.4464

 9.4148, 0.4556,
0.5444

 276.2844, 0.4015,
0.4399

 5.0127, 0.4481,
0.5519

 330.3983, 0.3971,

 2.2547, 0.4358,

0.4340

0.5642

391.1535, 0.3930,
0.4287


 0.7496, 0.3914,
0.6086


 0.0000, 0.0000,
0.0000


 69.5403, 0.4374,
0.4909

 69.5403, 0.4374,
0.4909

 69.5421, 0.4374,
0.4909

 70.8220, 0.4333,
0.4891

 72.2003, 0.4267,
0.4834

 73.7046, 0.4173,
0.4732

 75.3504, 0.4054,
0.4588

■ 77.1507, 0.3915,
0.4407

■ 79.1170, 0.3761,
0.4199

■ 81.2596, 0.3600,
0.3975

■ 83.5877, 0.3437,
0.3744

■ 86.1100, 0.3279,
0.3513

Harmonies

Analogous

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



69.5403, 0.5027, 0.4208



69.5403, 0.4374, 0.4909



69.5403, 0.3462, 0.5273

Triad

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



69.5403, 0.4374, 0.4909



69.5403, 0.1451, 0.2561



69.5403, 0.3521, 0.2256

Complementary

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



69.5403, 0.4374, 0.4909



7.0300, 0.1514, 0.0651

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.



69.5403, 0.2501, 0.1892



69.5403, 0.4374, 0.4909



69.5403, 0.1468, 0.1977

Square

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



69.5403, 0.4374, 0.4909



69.5403, 0.1790, 0.3613



69.5403, 0.1808, 0.1786



69.5403, 0.4576, 0.2819

Rectangle

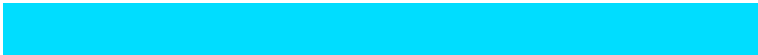
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.5403, 0.4374, 0.4909



69.5403, 0.2819, 0.5063



69.5403, 0.1808, 0.1786



69.5403, 0.3155, 0.2109

Sweetspot

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



69.5436, 0.4374, 0.4909



91.4524, 0.3601, 0.3977



18.9530, 0.6307, 0.3248



19.3512, 0.3670, 0.4074



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.



69.5436, 0.4374, 0.4909



78.2480, 0.4375, 0.4909



69.5736, 0.3501, 0.5602



18.1865, 0.3271, 0.3502



37.4531, 0.4371, 0.4912



3.1900, 0.4344, 0.4932

Inverse Universe

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



7.0300, 0.1514, 0.0651



7.8854, 0.1514, 0.0649



8.9467, 0.1828, 0.0781



15.4708, 0.2980, 0.3069



3.8602, 0.1518, 0.0665



0.4025, 0.1559, 0.0810

Previews

White Background



This preview shows how the Yxy color 69.5403, 0.4374, 0.4909 looks on a white background.

Color Contrast Check

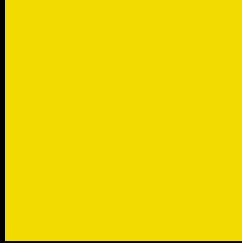
Large Text (above 18pt) WCAG AA × Fail

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 69.5403, 0.4374, 0.4909 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 69.5403, 0.4374, 0.4909

Background



This preview shows how black text looks on a background with the Yxy color 69.5403, 0.4374, 0.4909.

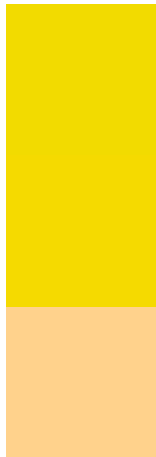


This preview shows how white text looks on a background with the Yxy color 69.5403, 0.4374, 0.4909.

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

69.5403, 0.4374, 0.4909

Protanopia

69.5553, 0.4405, 0.4884

Deuteranopia

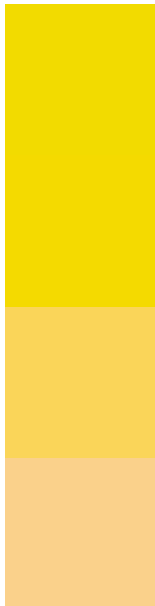
69.2466, 0.3994, 0.4007



Tritanopia

69.5602, 0.3412, 0.3138

Trichromacy



Original Color

69.5403, 0.4374, 0.4909

Protanomaly

69.3759, 0.4397, 0.4890

Deuteranomaly

68.6338, 0.4252, 0.4488

Tritanomaly

67.7890, 0.3966, 0.4019

Monochromacy



Original Color

69.5403, 0.4374, 0.4909

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

61.2692, 0.3767, 0.4214

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.5403, 0.4374, 0.4909 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(242, 219, 0)` looks like.

```
.text, #text, p{  
    color:rgb(242, 219, 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(242, 219, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 219, 0) }
```

Border

The CSS property to change the border of an element to Yxy 69.5403, 0.4374, 0.4909 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(242, 219, 0) }
```

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

```
.border{ border-color:rgb(242, 219, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 219, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 219, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 219, 0);  
box-shadow:4px 4px 4px 4px rgb(242, 219,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 69.5403, 0.4374, 0.4909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 219, 0) }
```

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

```
.background{ background-color: rgb(242,  
219, 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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