

Converting Colors

$Y_{xy}(74.0723, 0.4085, 0.4990)$

Have a look what the booklet for
Yxy(74.0723, 0.4085, 0.4990)
contains.

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Color

Yxy(74.0792, 0.4089, 0.4989)

Conversions

Conversions Part 1

Format	Color
Hex	E2E82E
RGB	226, 232, 46
RGB Percent	89%, 91%, 18%
CMY	0.1137, 0.0902, 0.8193
CMYK	0.03, 0.00, 0.80, 0.09
HSL	62°, 80%, 55%
HSV	62°, 80%, 91%
XYZ	60.7155, 74.0792, 13.6903
YIQ	209.0020, 56.1300, -59.1180

Conversions

Conversions Part 2

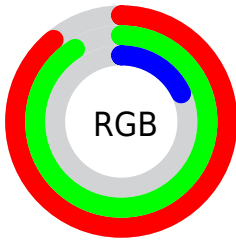
Format	Color
RYB	46, 232, 52
Decimal	14870574
CIELab	88.96, -21.80, 80.77
CIELCh	89, 83.659, 105.102
Yxy	74.0792, 0.4089, 0.4989
Android (android.graphics.Color)	4293060654 (0xFFE2E82E)
YUV	209.0020, -80.3600, 14.9072
Hunter-Lab	86.0693, -24.7026, 50.8177

Details

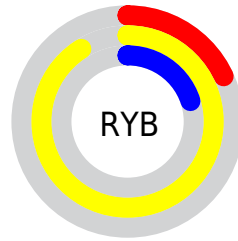
The Yxy color **74.0792, 0.4089, 0.4989** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **8.5185, 0.1654, 0.0830**, and the grayscale version is **64.2766, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.9058, 0.3944, 0.4640**, and **39.5513, 0.4085, 0.5138** is the 20% darker color. If you saturate the color by 10%, you get **73.8253, 0.4123, 0.5062**, and if you desaturate by 10%, it is **74.4392, 0.4028, 0.4872**.

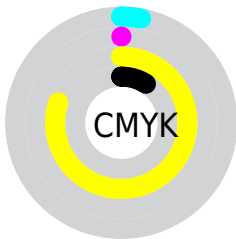
Distribution



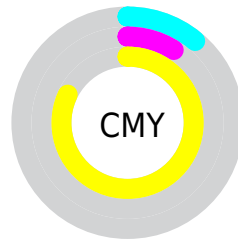
- Red (89%)
- Green (91%)
- Blue (18%)



- Red (18%)
- Yellow (91%)
- Blue (20%)



- Cyan (3%)
- Magenta (0%)
- Yellow (80%)
- Black (9%)





- Cyan (11%)
- Magenta (9%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.0792, 0.4089, 0.4989 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 74.0792, 0.4089, 0.4989 by changing the saturation by 10% instead.

 74.0792, 0.4089,
0.4989

 74.0792, 0.4089,
0.4989


474.7467, 0.3729,
0.4245


 54.8589, 0.4140,
0.5133


 125.0081, 0.3988,
0.4749

 39.2887, 0.4186,
0.5294


 157.4854, 0.3941,
0.4650

 26.9844, 0.4216,
0.5470


 195.1505, 0.3898,
0.4562

 17.5615, 0.4235,
0.5682

 238.3878, 0.3858,
0.4484

 10.6356, 0.4157,
0.5843

 287.5817, 0.3821,
0.4414

 5.8224, 0.3992,
0.6008

343.1165, 0.3788,

 2.7374, 0.3730,

0.4352

0.6270

405.3767, 0.3757,
0.4296

■ 0.9962, 0.2919,
0.7081

■ 0.0000, 0.0000,
0.0000

■ 74.0792, 0.4089,
0.4989

■ 74.0792, 0.4089,
0.4989

■ 73.8253, 0.4123,
0.5062


■ 74.4392, 0.4028,
0.4872

■ 73.6454, 0.4136,
0.5098


■ 74.9091, 0.3941,
0.4713

■ 75.5039, 0.3832,
0.4516


■ 76.2339, 0.3704,
0.4291

 77.1082, 0.3565,
0.4046

 78.1354, 0.3419,
0.3793

 79.3230, 0.3273,
0.3540

 80.6784, 0.3129,
0.3293

 82.2083, 0.2992,
0.3059

Harmonies

Analogous

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



74.0792, 0.4798, 0.4392



74.0792, 0.4089, 0.4989



74.0792, 0.3188, 0.5111

Triad

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



74.0792, 0.4089, 0.4989



74.0792, 0.1498, 0.2397



74.0792, 0.3814, 0.2450

Complementary

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



74.0792, 0.4089, 0.4989



8.5185, 0.1654, 0.0830

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.



74.0792, 0.2797, 0.2034



74.0792, 0.4089, 0.4989



74.0792, 0.1604, 0.1954

Square

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



74.0792, 0.4089, 0.4989



74.0792, 0.1723, 0.3270



74.0792, 0.2031, 0.1856



74.0792, 0.4719, 0.3033

Rectangle

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



74.0792, 0.4089, 0.4989



74.0792, 0.2589, 0.4724



74.0792, 0.2031, 0.1856



74.0792, 0.3463, 0.2288

Sweetspot

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



74.0826, 0.4089, 0.4989



96.2933, 0.3478, 0.3894



19.5656, 0.5914, 0.3318



20.5143, 0.3530, 0.3985



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.



74.0826, 0.4089, 0.4989



91.3343, 0.4133, 0.5087



63.1428, 0.3424, 0.5475



16.7922, 0.3263, 0.3523



40.8945, 0.4137, 0.5097



3.0294, 0.4146, 0.5090

Inverse Universe

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



8.5185, 0.1654, 0.0830



7.5710, 0.1521, 0.0625



13.5494, 0.2268, 0.1150



13.9092, 0.2985, 0.3047



3.2717, 0.1510, 0.0606



0.2496, 0.1539, 0.0622

Previews

White Background



This preview shows how the Yxy color 74.0792, 0.4089, 0.4989 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 74.0792, 0.4089, 0.4989 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 74.0792, 0.4089, 0.4989

Background



This preview shows how black text looks on a background with the Yxy color 74.0792, 0.4089, 0.4989.



This preview shows how white text looks on a background with the Yxy color 74.0792, 0.4089, 0.4989.

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

74.0792, 0.4089, 0.4989

Protanopia

74.0024, 0.4343, 0.4804

Deuteranopia

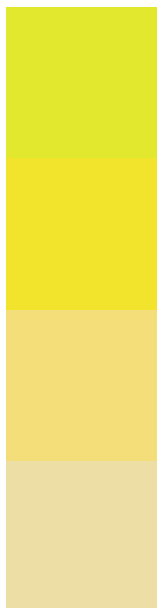
73.5660, 0.3793, 0.3835



Tritanopia

73.6957, 0.3193, 0.3115

Trichromacy



Original Color

74.0792, 0.4089, 0.4989

Protanomaly

74.0049, 0.4249, 0.4871

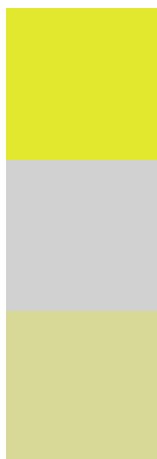
Deuteranomaly

72.8561, 0.3972, 0.4327

Tritanomaly

72.7920, 0.3622, 0.3905

Monochromacy



Original Color

74.0792, 0.4089, 0.4989

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

66.2748, 0.3575, 0.4061

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.0792, 0.4089, 0.4989 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(226, 232, 46)` looks like.

```
.text, #text, p{  
    color:rgb(226, 232, 46)  
}
```

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(226, 232, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 232, 46) }
```

Border

The CSS property to change the border of an element to Yxy 74.0792, 0.4089, 0.4989 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(226, 232, 46) }
```

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

```
.border{ border-color:rgb(226, 232, 46) }
```

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

Here you see how a box with a 4 pixel rgb(226, 232, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 232, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 232, 46);  
box-shadow:4px 4px 4px 4px rgb(226, 232,  
46) }
```


Background

The CSS property to change the background color of an element to Yxy 74.0792, 0.4089, 0.4989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 232, 46) }
```

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

```
.background{ background-color: rgb(226,  
232, 46) }
```

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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