

Converting Colors

$Yxy(69.2374, 0.3989, 0.4345)$

Have a look what the booklet for
Yxy(69.2374, 0.3989, 0.4345)
contains.

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Color

Yxy(69.2374, 0.3989, 0.4345)

Conversions

Conversions Part 1

Format	Color
Hex	EFD974
RGB	239, 217, 116
RGB Percent	94%, 85%, 45%
CMY	0.0627, 0.1490, 0.5449
CMYK	0.00, 0.09, 0.51, 0.06
HSL	49°, 79%, 70%
HSV	49°, 51%, 94%
XYZ	63.5646, 69.2374, 26.5476
YIQ	212.0640, 45.5330, -26.7470

Conversions

Conversions Part 2

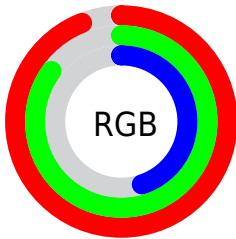
Format	Color
RYB	143, 239, 116
Decimal	15718772
CIELab	86.62, -5.08, 51.99
CIELCh	87, 52.237, 95.586
Yxy	69.2374, 0.3989, 0.4345
Android (android.graphics.Color)	4293908852 (0xFFEFD974)
YUV	212.0640, -47.3596, 23.6229
Hunter-Lab	83.2090, -9.2571, 39.3300

Details

The Yxy color **69.2374, 0.3989, 0.4345** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **28.1359, 0.2192, 0.1935**, and the grayscale version is **66.1857, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6823, 0.3632, 0.4124**, and **36.0346, 0.4164, 0.4561** is the 20% darker color. If you saturate the color by 10%, you get **66.5778, 0.4150, 0.4510**, and if you desaturate by 10%, it is **72.1036, 0.3817, 0.4154**.

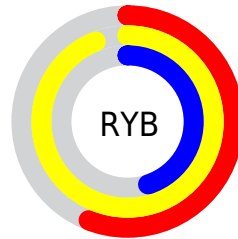
Distribution



Red (94%)

Green (85%)

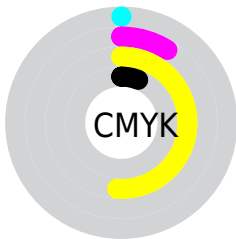
Blue (45%)



Red (56%)

Yellow (94%)

Blue (45%)

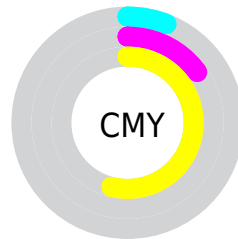


Cyan (0%)

Magenta (9%)

Yellow (51%)

Black (6%)



Cyan (6%)

Magenta (15%)

Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.2374, 0.3989, 0.4345 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 69.2374, 0.3989, 0.4345 by changing the saturation by 10% instead.


 69.2374, 0.3989,
0.4345


 69.2374, 0.3989,
0.4345


457.8678, 0.3608,
0.3866

 50.9051, 0.4067,
0.4447

 118.1206, 0.3863,
0.4184

 36.1331, 0.4158,
0.4568


 149.4402, 0.3812,
0.4119

 24.5370, 0.4263,
0.4711


 185.8578, 0.3767,
0.4063

 15.7324, 0.4380,
0.4879

227.7576, 0.3728,
0.4014

 9.3350, 0.4504,
0.5072

275.5242, 0.3692,
0.3971

 4.9603, 0.4663,
0.5337

329.5418, 0.3661,

 2.2240, 0.4598,

0.3932

0.5402

390.1949, 0.3633,
0.3897

0.7330, 0.4386,
0.5614

0.0000, 0.0000,
0.0000

69.2374, 0.3989,
0.4345

69.2374, 0.3989,
0.4345

66.5778, 0.4150,
0.4510

72.1036, 0.3817,
0.4154

64.1036, 0.4293,
0.4639


75.1773, 0.3642,
0.3948

61.8047, 0.4411,
0.4725

78.4710, 0.3470,
0.3735


59.6651, 0.4500,
0.4764

81.9938, 0.3304,
0.3523

 57.9406, 0.4555,
0.4765

 85.7538, 0.3149,
0.3319

 89.4694, 0.3031,
0.3168

 92.0541, 0.3030,
0.3210

 94.6987, 0.3030,
0.3253

 97.0914, 0.3029,
0.3290

Harmonies

Analogous

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



69.2374, 0.4348, 0.3965



69.2374, 0.3989, 0.4345



69.2374, 0.3419, 0.4453

Triad

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



69.2374, 0.3989, 0.4345



69.2374, 0.2033, 0.2895



69.2374, 0.3372, 0.2611

Complementary

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



69.2374, 0.3989, 0.4345



28.1359, 0.2192, 0.1935

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.



69.2374, 0.2738, 0.2360



69.2374, 0.3989, 0.4345



69.2374, 0.2024, 0.2474

Square

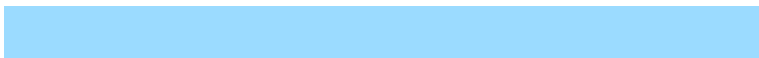
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.2374, 0.3989, 0.4345



69.2374, 0.2301, 0.3523



69.2374, 0.2265, 0.2303



69.2374, 0.3991, 0.3008

Rectangle

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



69.2374, 0.3989, 0.4345



69.2374, 0.3001, 0.4295



69.2374, 0.2265, 0.2303



69.2374, 0.3151, 0.2509

Sweetspot

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



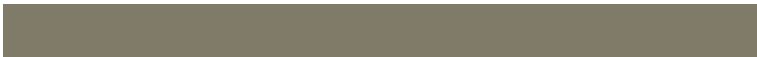
69.2406, 0.3989, 0.4345



93.4878, 0.3363, 0.3599



32.7028, 0.4331, 0.3048



19.8250, 0.3398, 0.3644



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.



69.2406, 0.3989, 0.4345



76.9027, 0.4162, 0.4521



75.2854, 0.3590, 0.4671



17.9498, 0.3273, 0.3482



32.1942, 0.4549, 0.4770



2.8025, 0.4494, 0.4814

Inverse Universe

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



28.1359, 0.2192, 0.1935



24.4704, 0.1988, 0.1604



25.6981, 0.2424, 0.1763



15.6860, 0.2980, 0.3090



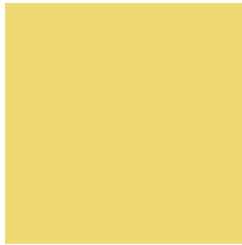
4.5233, 0.1546, 0.0764



0.5044, 0.1606, 0.0982

Previews

White Background



This preview shows how the Yxy color 69.2374, 0.3989, 0.4345 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 69.2374, 0.3989, 0.4345 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 69.2374, 0.3989, 0.4345

Background



This preview shows how black text looks on a background with the Yxy color 69.2374, 0.3989, 0.4345.



This preview shows how white text looks on a background with the Yxy color 69.2374, 0.3989, 0.4345.

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

69.2374, 0.3989, 0.4345

Protanopia

69.2374, 0.3989, 0.4345

Deuteranopia

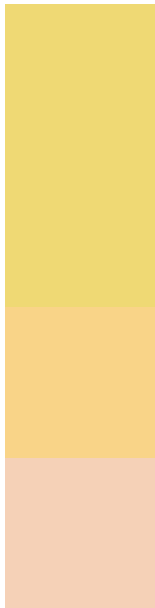
68.9990, 0.3941, 0.3919



Tritanopia

69.0228, 0.3349, 0.3126

Trichromacy



Original Color

69.2374, 0.3989, 0.4345

Protanomaly

69.2374, 0.3989, 0.4345

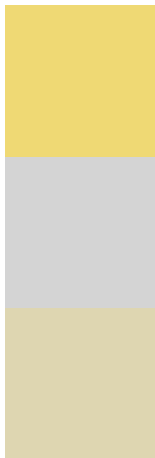
Deuteranomaly

69.0043, 0.3965, 0.4080

Tritanomaly

68.4323, 0.3598, 0.3568

Monochromacy



Original Color

69.2374, 0.3989, 0.4345

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.7971, 0.3448, 0.3709

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.2374, 0.3989, 0.4345 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, 217, 116)` looks like.

```
.text, #text, p{  
    color:rgb(239, 217, 116)  
}
```

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, 217, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 217, 116) }
```

Border

The CSS property to change the border of an element to Yxy 69.2374, 0.3989, 0.4345 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, 217, 116) }
```

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

```
.border{ border-color:rgb(239, 217, 116) }
```

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

Here you see how a box with a 4 pixel rgb(239, 217, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 217, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 217, 116);  
box-shadow:4px 4px 4px 4px rgb(239, 217,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 69.2374, 0.3989, 0.4345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 217, 116) }
```

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

```
.background{ background-color: rgb(239,  
217, 116) }
```

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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