

Converting Colors

$Yxy(69.1846, 0.4200, 0.4454)$

Have a look what the booklet for
Yxy(69.1846, 0.4200, 0.4454)
contains.

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Color

Yxy(69.0774, 0.4201, 0.4449)

Conversions

Conversions Part 1

Format	Color
Hex	F9D660
RGB	249, 214, 96
RGB Percent	98%, 84%, 38%
CMY	0.0235, 0.1608, 0.6235
CMYK	0.00, 0.14, 0.61, 0.02
HSL	46°, 93%, 68%
HSV	46°, 61%, 98%
XYZ	65.2268, 69.0774, 20.9608
YIQ	211.0130, 58.7380, -29.2780

Conversions

Conversions Part 2

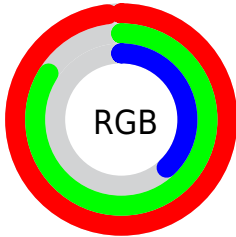
Format	Color
RYB	141, 249, 96
Decimal	16373344
CIELab	86.54, -0.97, 61.32
CIElCh	87, 61.323, 90.902
Yxy	69.0774, 0.4201, 0.4449
Android (android.graphics.Color)	4294563424 (0xFFFF9D660)
YUV	211.0130, -56.7014, 33.3146
Hunter-Lab	83.1128, -5.3609, 43.2262

Details

The Yxy color **69.0774, 0.4201, 0.4449** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **25.5602, 0.2022, 0.1720**, and the grayscale version is **65.5055, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.9820, 0.3745, 0.4311**, and **36.1205, 0.4390, 0.4669** is the 20% darker color. If you saturate the color by 10%, you get **65.8590, 0.4362, 0.4571**, and if you desaturate by 10%, it is **72.5484, 0.4024, 0.4291**.

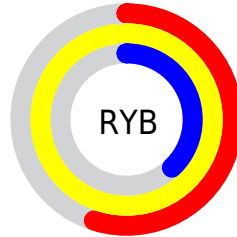
Distribution



Red (98%)

Green (84%)

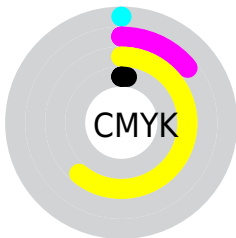
Blue (38%)



Red (55%)

Yellow (98%)

Blue (38%)

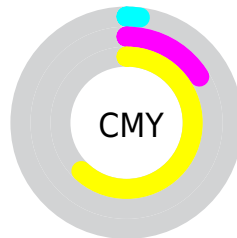


Cyan (0%)

Magenta (14%)

Yellow (61%)

Black (2%)



Cyan (2%)


Magenta (16%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.0774, 0.4201, 0.4449 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 69.0774, 0.4201, 0.4449 by changing the saturation by 10% instead.


 69.0774, 0.4201,
0.4449


 69.0774, 0.4201,
0.4449


457.3039, 0.3733,
0.3941

 50.7747, 0.4293,
0.4550


 117.8921, 0.4049,
0.4283

 36.0294, 0.4398,
0.4665


 149.1730, 0.3986,
0.4216

 24.4569, 0.4515,
0.4794


 185.5487, 0.3931,
0.4156

 15.6729, 0.4637,
0.4932

 227.4037, 0.3882,
0.4103

 9.2930, 0.4810,
0.5125

275.1223, 0.3839,
0.4056

 4.9328, 0.4833,
0.5167

329.0889, 0.3800,

 2.2079, 0.4821,

0.4014

0.5179

389.6880, 0.3765,
0.3976

■ 0.7243, 0.4786,
0.5214

■ 0.0000, 0.0000,
0.0000

■ 69.0774, 0.4201,
0.4449

■ 69.0774, 0.4201,
0.4449

■ 65.8590, 0.4362,
0.4571

■ 72.5484, 0.4024,
0.4291

■ 62.8681, 0.4498,
0.4649


■ 76.2756, 0.3840,
0.4109

■ 60.0899, 0.4605,
0.4678


■ 80.2742, 0.3655,
0.3912


■ 57.8588, 0.4675,
0.4670

■ 84.5554, 0.3476,
0.3710

 89.1295, 0.3306,
0.3510

 94.0059, 0.3149,
0.3317

 98.1685, 0.3091,
0.3279

 98.8811, 0.3090,
0.3290

Harmonies

Analogous

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



69.0774, 0.4579, 0.3961



69.0774, 0.4201, 0.4449



69.0774, 0.3560, 0.4676

Triad

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



69.0774, 0.4201, 0.4449



69.0774, 0.1894, 0.2915



69.0774, 0.3286, 0.2452

Complementary

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



69.0774, 0.4201, 0.4449



25.5602, 0.2022, 0.1720

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.



69.0774, 0.2569, 0.2199



69.0774, 0.4201, 0.4449



69.0774, 0.1844, 0.2392

Square

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



69.0774, 0.4201, 0.4449



69.0774, 0.2237, 0.3685



69.0774, 0.2072, 0.2166



69.0774, 0.4039, 0.2878

Rectangle

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



69.0774, 0.4201, 0.4449



69.0774, 0.3077, 0.4557



69.0774, 0.2072, 0.2166



69.0774, 0.3030, 0.2346

Sweetspot

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



69.0807, 0.4201, 0.4449



90.8707, 0.3416, 0.3641



30.1645, 0.4619, 0.2940



19.1549, 0.3467, 0.3700



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.



69.0807, 0.4201, 0.4449



68.6594, 0.4400, 0.4596



82.0403, 0.3700, 0.4891



19.4778, 0.3275, 0.3472



31.1939, 0.4666, 0.4677



3.0475, 0.4598, 0.4731

Inverse Universe

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



25.5602, 0.2022, 0.1720



19.4263, 0.1816, 0.1366



20.5072, 0.2192, 0.1424



17.2871, 0.2979, 0.3101



5.4012, 0.1568, 0.0845



0.6532, 0.1627, 0.1058

Previews

White Background



This preview shows how the Yxy color 69.0774, 0.4201, 0.4449 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 69.0774, 0.4201, 0.4449 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 69.0774, 0.4201, 0.4449

Background



This preview shows how black text looks on a background with the Yxy color 69.0774, 0.4201, 0.4449.



This preview shows how white text looks on a background with the Yxy color 69.0774, 0.4201, 0.4449.

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

69.0774, 0.4201, 0.4449

Protanopia

69.1895, 0.4113, 0.4500

Deuteranopia

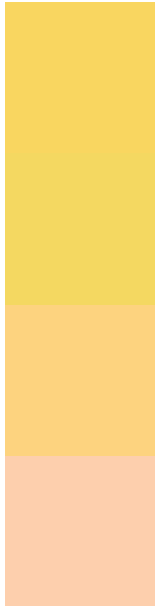
68.8745, 0.3970, 0.3959



Tritanopia

68.9816, 0.3429, 0.3148

Trichromacy



Original Color

69.0774, 0.4201, 0.4449

Protanomaly

69.2079, 0.4143, 0.4479

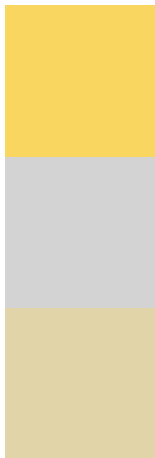
Deuteranomaly

69.0035, 0.4063, 0.4145

Tritanomaly

68.5254, 0.3744, 0.3646

Monochromacy



Original Color

69.0774, 0.4201, 0.4449

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.9591, 0.3534, 0.3775

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.0774, 0.4201, 0.4449 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(249, 214, 96)` looks like.

```
.text, #text, p{  
    color:rgb(249, 214, 96)  
}
```

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(249, 214, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 214, 96) }
```

Border

The CSS property to change the border of an element to Yxy 69.0774, 0.4201, 0.4449 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(249, 214, 96) }
```

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

```
.border{ border-color:rgb(249, 214, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 214, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 214, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 214, 96);  
box-shadow:4px 4px 4px 4px rgb(249, 214,  
96) }
```


Background

The CSS property to change the background color of an element to Yxy 69.0774, 0.4201, 0.4449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 214, 96) }
```

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

```
.background{ background-color: rgb(249,  
214, 96) }
```

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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