

Converting Colors

$Yxy(69.5034, 0.4344, 0.4543)$

Have a look what the booklet for
Yxy(69.5034, 0.4344, 0.4543)
contains.

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Color

Yxy(69.3986, 0.4343, 0.4538)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FFD54E |
| RGB | 255, 213, 78 |
| RGB Percent | 100%, 84%, 31% |
| CMY | 0.0000, 0.1647, 0.6939 |
| CMYK | 0.00, 0.16, 0.69, 0.00 |
| HSL | 46°, 100%, 65% |
| HSV | 46°, 69%, 100% |
| XYZ | 66.4165, 69.3986, 17.1126 |
| YIQ | 210.1680, 68.3670, -33.0810 |

Conversions

Conversions Part 2

| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 133, 255, 78 |
| Decimal | 16766286 |
| CIE _{Lab} | 86.70, 1.02, 69.14 |
| CIE _{LCh} | 87, 69.147, 89.158 |
| Yxy | 69.3986, 0.4343, 0.4538 |
| Android (android.graphics.Color) | 4294956366 (0xFFFFD54E) |
| YUV | 210.1680, -65.1588, 39.3177 |
| Hunter-Lab | 83.3058, -3.4740, 46.1348 |

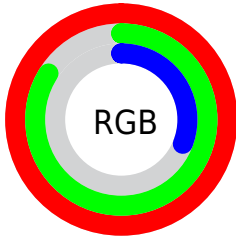
Details

The Yxy color **69.3986, 0.4343, 0.4538** is a light color, and the websafe version is hex **FFCC33**.

The color can be described as light washed yellow. A complement of this color would be **22.2897, 0.1891, 0.1510**, and the grayscale version is **64.9705, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.5012, 0.3829, 0.4451**, and **36.2831, 0.4542, 0.4750** is the 20% darker color. If you saturate the color by 10%, you get **66.1118, 0.4488, 0.4624**, and if you desaturate by 10%, it is **72.9401, 0.4175, 0.4409**.

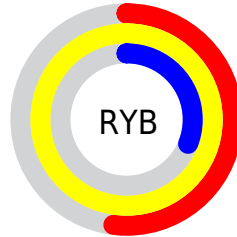
Distribution



Red (100%)

Green (84%)

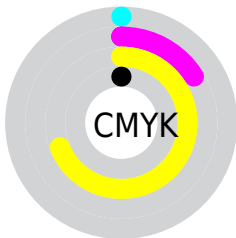
Blue (31%)



Red (52%)

Yellow (100%)

Blue (31%)

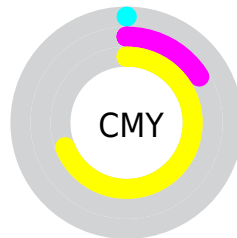


Cyan (0%)

Magenta (16%)

Yellow (69%)

Black (0%)



Cyan (0%)


Magenta (16%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.3986, 0.4343, 0.4538 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 69.3986, 0.4343, 0.4538 by changing the saturation by 10% instead.


 69.3986, 0.4343,
0.4538


 69.3986, 0.4343,
0.4538


458.4356, 0.3824,
0.4009


 51.0364, 0.4441,
0.4637

 118.3507, 0.4178,
0.4370


 36.2376, 0.4549,
0.4745


 149.7094, 0.4109,
0.4300


 24.6177, 0.4664,
0.4859


 186.1691, 0.4048,
0.4238

 15.7925, 0.4778,
0.4971

 228.1141, 0.3993,
0.4182

 9.3774, 0.4906,
0.5094

 275.9289, 0.3944,
0.4131

 4.9882, 0.4914,
0.5086

329.9978, 0.3900,

 2.2403, 0.4927,

0.4086

0.5073

390.7052, 0.3860,
0.4046

0.7418, 0.4959,
0.5041

0.0000, 0.0000,
0.0000

69.3986, 0.4343,
0.4538

69.3986, 0.4343,
0.4538

66.1118, 0.4488,
0.4624

72.9401, 0.4175,
0.4409

63.0621, 0.4605,
0.4661

76.7532, 0.3993,
0.4247

60.2212, 0.4692,
0.4653

80.8516, 0.3806,
0.4062

60.0524, 0.4697,
0.4652

85.2479, 0.3620,
0.3865

■ 89.9538, 0.3441,
0.3665

■ 94.9801, 0.3273,
0.3468

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



69.3986, 0.4757, 0.3972



69.3986, 0.4343, 0.4538



69.3986, 0.3637, 0.4852

Triad

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



69.3986, 0.4343, 0.4538



69.3986, 0.1775, 0.2900



69.3986, 0.3248, 0.2343

Complementary

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



69.3986, 0.4343, 0.4538



22.2897, 0.1891, 0.1510

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.



69.3986, 0.2462, 0.2079



69.3986, 0.4343, 0.4538



69.3986, 0.1708, 0.2308

Square

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



69.3986, 0.4343, 0.4538



69.3986, 0.2162, 0.3786



69.3986, 0.1938, 0.2053



69.3986, 0.4107, 0.2796

Rectangle

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



69.3986, 0.4343, 0.4538



69.3986, 0.3102, 0.4759



69.3986, 0.1938, 0.2053



69.3986, 0.2964, 0.2231

Sweetspot

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



69.3982, 0.4343, 0.4538



89.1743, 0.3469, 0.3697



28.1295, 0.4894, 0.2898



18.8051, 0.3518, 0.3753



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.



69.3982, 0.4343, 0.4538



64.9843, 0.4534, 0.4643



85.8850, 0.3755, 0.5045



20.3168, 0.3275, 0.3470



31.6207, 0.4687, 0.4660



3.2464, 0.4619, 0.4715

Inverse Universe

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



22.2897, 0.1891, 0.1510



15.6741, 0.1704, 0.1160



16.8361, 0.2031, 0.1185



18.0776, 0.2979, 0.3103



5.6800, 0.1572, 0.0860



0.7127, 0.1629, 0.1064

Previews

White Background



This preview shows how the Yxy color 69.3986, 0.4343, 0.4538 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 69.3986, 0.4343, 0.4538 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 69.3986, 0.4343, 0.4538

Background



This preview shows how black text looks on a background with the Yxy color 69.3986, 0.4343, 0.4538.



This preview shows how white text looks on a background with the Yxy color 69.3986, 0.4343, 0.4538.

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

69.3986, 0.4343, 0.4538

Protanopia

69.7620, 0.4209, 0.4628

Deuteranopia

69.3364, 0.3973, 0.3978



Tritanopia

69.3520, 0.3442, 0.3179

Trichromacy



Original Color

69.3986, 0.4343, 0.4538

Protanomaly

69.4504, 0.4255, 0.4594

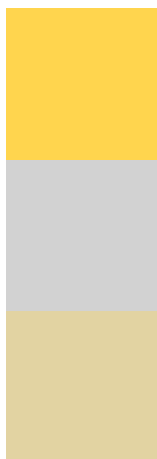
Deuteranomaly

69.1804, 0.4131, 0.4211

Tritanomaly

68.6023, 0.3821, 0.3727

Monochromacy



Original Color

69.3986, 0.4343, 0.4538

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

65.3659, 0.3596, 0.3842

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.3986, 0.4343, 0.4538 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(255, 213, 78)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 78)  
}
```

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(255, 213, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 78) }
```

Border

The CSS property to change the border of an element to Yxy 69.3986, 0.4343, 0.4538 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(255, 213, 78) }
```

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

```
.border{ border-color:rgb(255, 213, 78) }
```

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

Here you see how a box with a 4 pixel rgb(255, 213, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 78);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
78) }
```


Background

The CSS property to change the background color of an element to Yxy 69.3986, 0.4343, 0.4538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 213, 78) }
```

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

```
.background{ background-color: rgb(255,  
213, 78) }
```

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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