

Converting Colors

Yxy(61.8097, 0.4488, 0.4441)

Have a look what the booklet for
Yxy(61.8097, 0.4488, 0.4441)
contains.

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Color

Yxy(61.6735, 0.4490, 0.4437)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FFC549 |
| RGB | 255, 197, 73 |
| RGB Percent | 100%, 77%, 29% |
| CMY | 0.0000, 0.2274, 0.7138 |
| CMYK | 0.00, 0.23, 0.71, 0.00 |
| HSL | 41°, 100%, 64% |
| HSV | 41°, 71%, 100% |
| XYZ | 62.4102, 61.6735, 14.9145 |
| YIQ | 200.2060, 74.3720, -26.2680 |

Conversions

Conversions Part 2

| Format | Color |
|-------------------------------------|--------------------------------|
| R_YB | 158, 255, 73 |
| Decimal | 16762185 |
| CIE _{Lab} | 82.74, 8.98, 67.14 |
| CIE _{LCh} | 83, 67.742, 82.378 |
| Yxy | 61.6735, 0.4490, 0.4437 |
| Android (android.graphics.Color) | 4294952265 (0xFFFFC549) |
| YUV | 200.2060, -62.7126, 48.0543 |
| Hunter-Lab | 78.5325, 4.4231, 43.7127 |

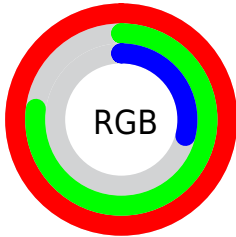
Details

The Yxy color **61.6735, 0.4490, 0.4437** is a light color, and the websafe version is hex **FFCC33**.

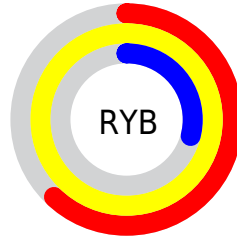
The color can be described as light washed yellow. A complement of this color would be **24.8627, 0.1906, 0.1639**, and the grayscale version is **58.2520, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.0691, 0.3868, 0.4486**, and **31.4202, 0.4735, 0.4615** is the 20% darker color. If you saturate the color by 10%, you get **57.8125, 0.4665, 0.4499**, and if you desaturate by 10%, it is **65.8756, 0.4294, 0.4330**.

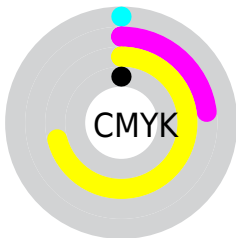
Distribution



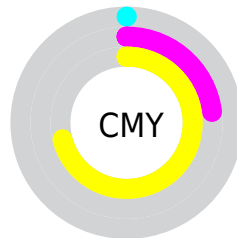
- Red (100%)
- Green (77%)
- Blue (29%)



- Red (62%)
- Yellow (100%)
- Blue (29%)



- Cyan (0%)
- Magenta (23%)
- Yellow (71%)
- Black (0%)



- Cyan (0%)
- Magenta (23%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.6735, 0.4490, 0.4437 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 61.6735, 0.4490, 0.4437 by changing the saturation by 10% instead.


 61.6735, 0.4490,
0.4437

 61.6735, 0.4490,
0.4437

430.7391, 0.3888,
0.3958


 44.7689, 0.4608,
0.4522


 107.2535, 0.4294,
0.4288


 31.2755, 0.4740,
0.4611


 136.6977, 0.4214,
0.4225


 20.8087, 0.4885,
0.4699

 171.0906, 0.4143,
0.4168

 12.9842, 0.5048,
0.4783

 210.8166, 0.4080,
0.4117

 7.4177, 0.5187,
0.4813

 256.2601, 0.4024,
0.4071

 3.7247, 0.5266,
0.4734

307.8054, 0.3974,

 1.5208, 0.5397,

0.4030

365.8369, 0.3929,
0.3992

0.4603

0.3033, 0.6260,
0.3740

0.0000, 0.0000,
0.0000

61.6735, 0.4490,
0.4437

61.6735, 0.4490,
0.4437

57.8125, 0.4665,
0.4499

65.8756, 0.4294,
0.4330

54.2658, 0.4809,
0.4511

70.4314, 0.4086,
0.4187

51.4356, 0.4910,
0.4483

75.3589, 0.3878,
0.4022

80.6727, 0.3676,
0.3844

86.3863, 0.3485,
0.3663

92.5123, 0.3308,
0.3484

99.0627, 0.3148,
0.3313

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.



61.6735, 0.4819, 0.3839



61.6735, 0.4490, 0.4437



61.6735, 0.3820, 0.4848

Triad

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



61.6735, 0.4490, 0.4437



61.6735, 0.1813, 0.3075



61.6735, 0.3051, 0.2248

Complementary

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



61.6735, 0.4490, 0.4437



24.8627, 0.1906, 0.1639

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.



61.6735, 0.2304, 0.2032



61.6735, 0.4490, 0.4437



61.6735, 0.1675, 0.2394

Square

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



61.6735, 0.4490, 0.4437



61.6735, 0.2278, 0.4011



61.6735, 0.1841, 0.2065



61.6735, 0.3938, 0.2670

Rectangle

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



61.6735, 0.4490, 0.4437



61.6735, 0.3283, 0.4856



61.6735, 0.1841, 0.2065



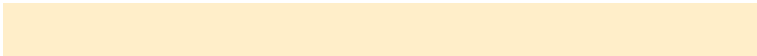
61.6735, 0.2775, 0.2151

Sweetspot

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



61.6753, 0.4490, 0.4437



86.6109, 0.3478, 0.3656



27.7345, 0.4748, 0.2749



18.1910, 0.3529, 0.3706



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.



61.6753, 0.4490, 0.4437



56.1358, 0.4736, 0.4511



87.9544, 0.3868, 0.5010



20.0573, 0.3277, 0.3451



27.1573, 0.4895, 0.4495



2.8414, 0.4795, 0.4575

Inverse Universe

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



24.8627, 0.1906, 0.1639



17.8104, 0.1724, 0.1286



14.8853, 0.1902, 0.1086



18.3224, 0.2979, 0.3123



7.1034, 0.1622, 0.1038



0.8787, 0.1683, 0.1260

Previews

White Background



This preview shows how the Yxy color 61.6735, 0.4490, 0.4437 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 61.6735, 0.4490, 0.4437 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 61.6735, 0.4490, 0.4437

Background



This preview shows how black text looks on a background with the Yxy color 61.6735, 0.4490, 0.4437.



This preview shows how white text looks on a background with the Yxy color 61.6735, 0.4490, 0.4437.

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

61.6735, 0.4490, 0.4437

Protanopia

61.9704, 0.4196, 0.4623

Deuteranopia

61.4444, 0.4419, 0.4328



Tritanopia

61.3966, 0.3593, 0.3167

Trichromacy



Original Color

61.6735, 0.4490, 0.4437

Protanomaly

61.5706, 0.4304, 0.4552

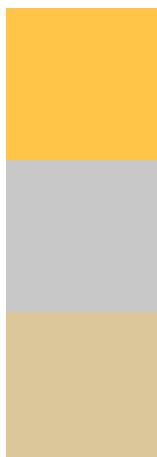
Deuteranomaly

61.3644, 0.4447, 0.4363

Tritanomaly

60.8547, 0.3972, 0.3679

Monochromacy



Original Color

61.6735, 0.4490, 0.4437

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.3956, 0.3644, 0.3815

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.6735, 0.4490, 0.4437 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, 197, 73)` looks like.

```
.text, #text, p{  
    color:rgb(255, 197, 73)  
}
```

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, 197, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 197, 73) }
```

Border

The CSS property to change the border of an element to Yxy 61.6735, 0.4490, 0.4437 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, 197, 73) }
```

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

```
.border{ border-color:rgb(255, 197, 73) }
```

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

Here you see how a box with a 4 pixel rgb(255, 197, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 197, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 197, 73);  
box-shadow:4px 4px 4px 4px rgb(255, 197,  
73) }
```


Background

The CSS property to change the background color of an element to Yxy 61.6735, 0.4490, 0.4437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 197, 73) }
```

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

```
.background{ background-color: rgb(255,  
197, 73) }
```

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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