

Converting Colors

Yxy(61.4723, 0.4543, 0.4502)

Have a look what the booklet for
Yxy(61.4723, 0.4543, 0.4502)
contains.

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Color

Yxy(61.5294, 0.4542, 0.4504)

Conversions

Conversions Part 1

Format	Color
Hex	FFC53D
RGB	255, 197, 61
RGB Percent	100%, 77%, 24%
CMY	0.0000, 0.2274, 0.7604
CMYK	0.00, 0.23, 0.76, 0.00
HSL	42°, 100%, 62%
HSV	42°, 76%, 100%
XYZ	62.0485, 61.5294, 13.0326
YIQ	198.8380, 78.2240, -30.0000

Conversions

Conversions Part 2

Format	Color
RYB	144, 255, 61
Decimal	16762173
CIELab	82.66, 8.48, 71.54
CIElCh	83, 72.043, 83.244
Yxy	61.5294, 0.4542, 0.4504
Android (android.graphics.Color)	4294952253 (0xFFFFC53D)
YUV	198.8380, -67.9541, 49.2541
Hunter-Lab	78.4407, 3.9267, 45.0576

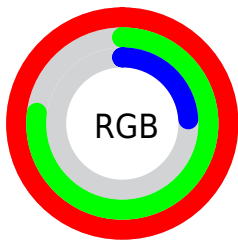
Details

The Yxy color **61.5294, 0.4542, 0.4504** is a light color, and the websafe version is hex **FFCC33**.

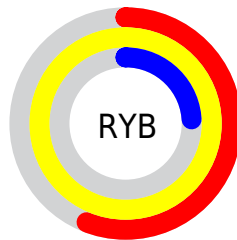
The color can be described as light washed yellow. A complement of this color would be **21.4254, 0.1829, 0.1474**, and the grayscale version is **57.4037, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.8186, 0.3917, 0.4565**, and **31.4159, 0.4738, 0.4620** is the 20% darker color. If you saturate the color by 10%, you get **57.9434, 0.4695, 0.4547**, and if you desaturate by 10%, it is **65.4272, 0.4363, 0.4413**.

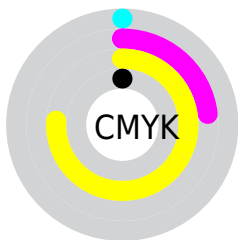
Distribution



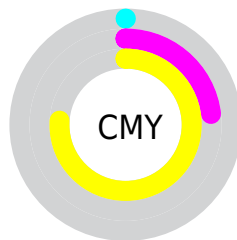
- Red (100%)
- Green (77%)
- Blue (24%)



- Red (56%)
- Yellow (100%)
- Blue (24%)



- Cyan (0%)
- Magenta (23%)
- Yellow (76%)
- Black (0%)





- Cyan (0%)
- Magenta (23%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.5294, 0.4542, 0.4504 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 61.5294, 0.4542, 0.4504 by changing the saturation by 10% instead.


 61.5294, 0.4542,
0.4504

 61.5294, 0.4542,
0.4504


430.2124, 0.3926,
0.4004


 44.6526, 0.4659,
0.4589


 107.0451, 0.4345,
0.4352

 31.1838, 0.4786,
0.4676


 136.4527, 0.4263,
0.4286

 20.7389, 0.4922,
0.4758


 170.8061, 0.4190,
0.4226

 12.9333, 0.5093,
0.4854

 210.4895, 0.4125,
0.4173

 7.3826, 0.5170,
0.4830

 255.8875, 0.4067,
0.4124

 3.7025, 0.5245,
0.4755

307.3844, 0.4015,

 1.5086, 0.5370,

0.4080

365.3646, 0.3969,
0.4041

0.4630

0.2948, 0.6230,
0.3770

0.0000, 0.0000,
0.0000

61.5294, 0.4542,
0.4504

61.5294, 0.4542,
0.4504

57.9434, 0.4695,
0.4547

65.4272, 0.4363,
0.4413

54.6372, 0.4815,
0.4538

69.6465, 0.4167,
0.4282

53.3947, 0.4857,
0.4526

74.2068, 0.3964,
0.4122

79.1228, 0.3762,
0.3945

84.4080, 0.3569,
0.3760

90.0750, 0.3387,
0.3574

96.1354, 0.3221,
0.3395

99.9986, 0.3127,
0.3290

Harmonies

Analogous

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



61.5294, 0.4915, 0.3870



61.5294, 0.4542, 0.4504



61.5294, 0.3822, 0.4949

Triad

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



61.5294, 0.4542, 0.4504



61.5294, 0.1732, 0.3027



61.5294, 0.3069, 0.2204

Complementary

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



61.5294, 0.4542, 0.4504



21.4254, 0.1829, 0.1474

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.



61.5294, 0.2275, 0.1971



61.5294, 0.4542, 0.4504



61.5294, 0.1602, 0.2323

Square

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



61.5294, 0.4542, 0.4504



61.5294, 0.2205, 0.4031



61.5294, 0.1784, 0.1994



61.5294, 0.4014, 0.2649

Rectangle

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



61.5294, 0.4542, 0.4504



61.5294, 0.3255, 0.4959



61.5294, 0.1784, 0.1994



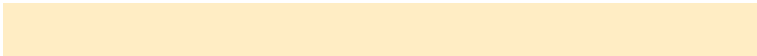
61.5294, 0.2775, 0.2101

Sweetspot

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



61.5324, 0.4542, 0.4504



86.0974, 0.3512, 0.3703



25.9436, 0.5011, 0.2811



18.0014, 0.3580, 0.3770



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.



61.5324, 0.4542, 0.4504



56.2746, 0.4759, 0.4549



86.4843, 0.3841, 0.5112



20.1196, 0.3277, 0.3456



28.1753, 0.4843, 0.4536



2.9346, 0.4751, 0.4610

Inverse Universe

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



21.4254, 0.1829, 0.1474



15.1152, 0.1665, 0.1130



13.2682, 0.1862, 0.0990



18.2631, 0.2979, 0.3118



6.7178, 0.1609, 0.0991



0.8352, 0.1670, 0.1210

Previews

White Background



This preview shows how the Yxy color 61.5294, 0.4542, 0.4504 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 61.5294, 0.4542, 0.4504 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 61.5294, 0.4542, 0.4504

Background



This preview shows how black text looks on a background with the Yxy color 61.5294, 0.4542, 0.4504.



This preview shows how white text looks on a background with the Yxy color 61.5294, 0.4542, 0.4504.

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

61.5294, 0.4542, 0.4504

Protanopia

61.5017, 0.4264, 0.4687

Deuteranopia

61.3644, 0.4447, 0.4363



Tritanopia

61.3966, 0.3593, 0.3167

Trichromacy



Original Color

61.5294, 0.4542, 0.4504

Protanomaly

61.5960, 0.4365, 0.4621

Deuteranomaly

61.2479, 0.4488, 0.4416

Tritanomaly

60.6915, 0.4013, 0.3730

Monochromacy



Original Color

61.5294, 0.4542, 0.4504

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.6182, 0.3677, 0.3864

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.5294, 0.4542, 0.4504 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, 61)` looks like.

```
.text, #text, p{  
    color:rgb(255, 197, 61)  
}
```

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, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 197, 61) }
```

Border

The CSS property to change the border of an element to Yxy 61.5294, 0.4542, 0.4504 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, 61) }
```

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

```
.border{ border-color:rgb(255, 197, 61) }
```

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, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 197, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 197, 61);  
box-shadow:4px 4px 4px 4px rgb(255, 197,  
61) }
```


Background

The CSS property to change the background color of an element to Yxy 61.5294, 0.4542, 0.4504 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, 61) }
```

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

```
.background{ background-color: rgb(255,  
197, 61) }
```

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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