

Converting Colors

Yxy(61.1914, 0.4517, 0.4454)

Have a look what the booklet for
Yxy(61.1914, 0.4517, 0.4454)
contains.

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Color

Yxy(61.1695, 0.4517, 0.4452)

Conversions

Conversions Part 1

Format	Color
Hex	FFC445
RGB	255, 196, 69
RGB Percent	100%, 77%, 27%
CMY	0.0000, 0.2314, 0.7294
CMYK	0.00, 0.23, 0.73, 0.00
HSL	41°, 100%, 64%
HSV	41°, 73%, 100%
XYZ	62.0626, 61.1695, 14.1657
YIQ	199.1630, 75.9310, -26.9890

Conversions

Conversions Part 2

Format	Color
R _Y B	155, 255, 69
Decimal	16761925
CIE Lab	82.47, 9.34, 68.43
CIE LCh	82, 69.068, 82.229
Yxy	61.1695, 0.4517, 0.4452
Android (android.graphics.Color)	4294952005 (0xFFFFC445)
YUV	199.1630, -64.1704, 48.9690
Hunter-Lab	78.2109, 4.7757, 44.0089

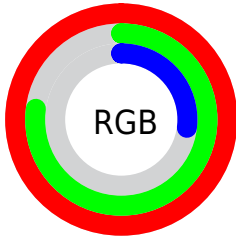
Details

The Yxy color **61.1695, 0.4517, 0.4452** is a light color, and the websafe version is hex **FFCC33**.

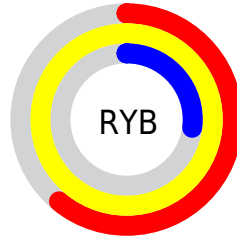
The color can be described as light washed yellow. A complement of this color would be **23.9258, 0.1883, 0.1596**, and the grayscale version is **57.5811, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.3360, 0.3893, 0.4510**, and **31.1143, 0.4751, 0.4610** is the 20% darker color. If you saturate the color by 10%, you get **57.3636, 0.4687, 0.4507**, and if you desaturate by 10%, it is **65.3026, 0.4324, 0.4351**.

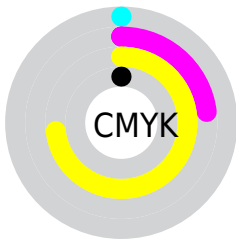
Distribution



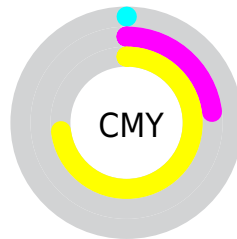
- Red (100%)
- Green (77%)
- Blue (27%)



- Red (61%)
- Yellow (100%)
- Blue (27%)



- Cyan (0%)
- Magenta (23%)
- Yellow (73%)
- Black (0%)





- Cyan (0%)
- Magenta (23%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.1695, 0.4517, 0.4452 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 61.1695, 0.4517, 0.4452 by changing the saturation by 10% instead.


 61.1695, 0.4517,
0.4452

 61.1695, 0.4517,
0.4452

428.8952, 0.3904,
0.3969


 44.3620, 0.4636,
0.4536


 106.5243, 0.4319,
0.4303


 30.9552, 0.4769,
0.4624


 135.8404, 0.4237,
0.4240


 20.5647, 0.4912,
0.4707

 170.0948, 0.4165,
0.4182

 12.8062, 0.5081,
0.4793

 209.6719, 0.4100,
0.4131

 7.2952, 0.5201,
0.4799

 254.9561, 0.4043,
0.4084

 3.6474, 0.5284,
0.4716

306.3318, 0.3992,

 1.4784, 0.5422,

0.4042

0.4578

364.1834, 0.3946,
0.4004

0.2734, 0.6408,
0.3592

0.0000, 0.0000,
0.0000

61.1695, 0.4517,
0.4452

61.1695, 0.4517,
0.4452

57.3636, 0.4687,
0.4507

65.3026, 0.4324,
0.4351

53.8713, 0.4825,
0.4510

69.7896, 0.4118,
0.4213

51.5721, 0.4906,
0.4486

74.6443, 0.3910,
0.4050

79.8812, 0.3706,
0.3873

85.5142, 0.3513,
0.3692

91.5558, 0.3335,
0.3512

98.0181, 0.3172,
0.3339

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.



61.1695, 0.4854, 0.3840



61.1695, 0.4517, 0.4452



61.1695, 0.3833, 0.4880

Triad

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



61.1695, 0.4517, 0.4452



61.1695, 0.1789, 0.3072



61.1695, 0.3044, 0.2228

Complementary

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



61.1695, 0.4517, 0.4452



23.9258, 0.1883, 0.1596

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.



61.1695, 0.2284, 0.2009



61.1695, 0.4517, 0.4452



61.1695, 0.1649, 0.2377

Square

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



61.1695, 0.4517, 0.4452



61.1695, 0.2262, 0.4033



61.1695, 0.1816, 0.2042



61.1695, 0.3951, 0.2655

Rectangle

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



61.1695, 0.4517, 0.4452



61.1695, 0.3287, 0.4895



61.1695, 0.1816, 0.2042



61.1695, 0.2763, 0.2129

Sweetspot

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



61.1667, 0.4517, 0.4452



86.0647, 0.3496, 0.3675



27.1552, 0.4803, 0.2748



18.0837, 0.3547, 0.3724



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.



61.1667, 0.4517, 0.4452



55.5594, 0.4761, 0.4515



87.7970, 0.3875, 0.5035



20.0617, 0.3277, 0.3452



27.2282, 0.4891, 0.4498



2.8479, 0.4792, 0.4577

Inverse Universe

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



23.9258, 0.1883, 0.1596



16.9664, 0.1704, 0.1239



14.1859, 0.1875, 0.1046



18.3182, 0.2979, 0.3123



7.0752, 0.1621, 0.1035



0.8756, 0.1682, 0.1256

Previews

White Background



This preview shows how the Yxy color 61.1695, 0.4517, 0.4452 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 61.1695, 0.4517, 0.4452 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 61.1695, 0.4517, 0.4452

Background



This preview shows how black text looks on a background with the Yxy color 61.1695, 0.4517, 0.4452.



This preview shows how white text looks on a background with the Yxy color 61.1695, 0.4517, 0.4452.

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

61.1695, 0.4517, 0.4452

Protanopia

61.4335, 0.4222, 0.4642

Deuteranopia

61.3339, 0.4458, 0.4377



Tritanopia

60.9242, 0.3603, 0.3167

Trichromacy



Original Color

61.1695, 0.4517, 0.4452

Protanomaly

61.0467, 0.4331, 0.4569

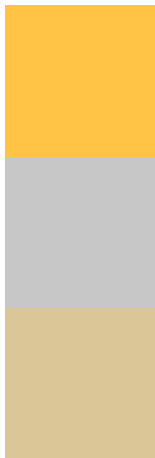
Deuteranomaly

61.2757, 0.4478, 0.4403

Tritanomaly

60.3539, 0.3993, 0.3689

Monochromacy



Original Color

61.1695, 0.4517, 0.4452

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.7152, 0.3654, 0.3829

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.1695, 0.4517, 0.4452 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, 196, 69)` looks like.

```
.text, #text, p{  
    color:rgb(255, 196, 69)  
}
```

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, 196, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 196, 69) }
```

Border

The CSS property to change the border of an element to Yxy 61.1695, 0.4517, 0.4452 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, 196, 69) }
```

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

```
.border{ border-color:rgb(255, 196, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 196, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 196, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 196, 69);  
box-shadow:4px 4px 4px 4px rgb(255, 196,  
69) }
```


Background

The CSS property to change the background color of an element to Yxy 61.1695, 0.4517, 0.4452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 196, 69) }
```

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

```
.background{ background-color: rgb(255,  
196, 69) }
```

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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