

Converting Colors

Yxy(60.3098, 0.4601, 0.4531)

Have a look what the booklet for
Yxy(60.3098, 0.4601, 0.4531)
contains.

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Color

Yxy(60.5292, 0.4597, 0.4535)

Conversions

Conversions Part 1

Format	Color
Hex	FFC333
RGB	255, 195, 51
RGB Percent	100%, 76%, 20%
CMY	0.0000, 0.2353, 0.7998
CMYK	0.00, 0.24, 0.80, 0.00
HSL	42°, 100%, 60%
HSV	42°, 80%, 100%
XYZ	61.3567, 60.5292, 11.5853
YIQ	196.5240, 81.9840, -32.0640

Conversions

Conversions Part 2

Format	Color
R _Y B	136, 255, 51
Decimal	16761651
CIE Lab	82.12, 9.17, 74.41
CIE LCh	82, 74.973, 82.971
Yxy	60.5292, 0.4597, 0.4535
Android (android.graphics.Color)	4294951731 (0xFFFFC333)
YUV	196.5240, -71.7433, 51.2835
Hunter-Lab	77.8005, 4.6216, 45.6315

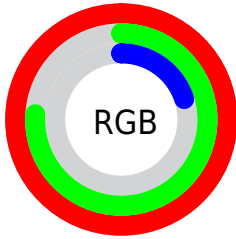
Details

The Yxy color **60.5292, 0.4597, 0.4535** is a light color, and the websafe version is hex **FFCC33**.

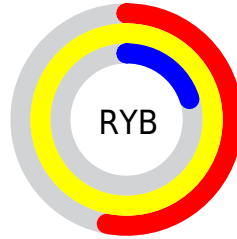
The color can be described as light washed yellow. A complement of this color would be **19.3021, 0.1775, 0.1365**, and the grayscale version is **55.9387, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3585, 0.3968, 0.4618**, and **30.6835, 0.4754, 0.4607** is the 20% darker color. If you saturate the color by 10%, you get **57.0855, 0.4735, 0.4559**, and if you desaturate by 10%, it is **64.2664, 0.4429, 0.4462**.

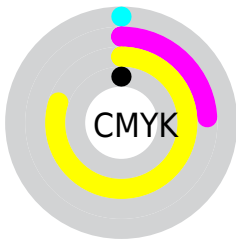
Distribution



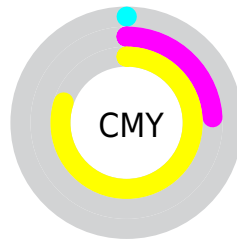
- Red (100%)
- Green (76%)
- Blue (20%)



- Red (53%)
- Yellow (100%)
- Blue (20%)



- Cyan (0%)
- Magenta (24%)
- Yellow (80%)
- Black (0%)





- Cyan (0%)
- Magenta (24%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.5292, 0.4597, 0.4535 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 60.5292, 0.4597, 0.4535 by changing the saturation by 10% instead.


 60.5292, 0.4597,
0.4535


 60.5292, 0.4597,
0.4535


426.5456, 0.3962,
0.4030

 43.8453, 0.4715,
0.4617


 105.5970, 0.4396,
0.4384


 30.5489, 0.4842,
0.4699


 134.7496, 0.4312,
0.4317

 20.2556, 0.4973,
0.4771


 168.8274, 0.4236,
0.4257

 12.5810, 0.5143,
0.4857

 208.2145, 0.4169,
0.4203

 7.1407, 0.5197,
0.4803

 253.2956, 0.4109,
0.4153

 3.5502, 0.5280,
0.4720

304.4548, 0.4055,

 1.4253, 0.5419,

0.4108

0.4581

362.0767, 0.4006,
0.4067

0.2352, 0.6555,
0.3445

0.0000, 0.0000,
0.0000

60.5292, 0.4597,
0.4535

60.5292, 0.4597,
0.4535

57.0855, 0.4735,
0.4559

64.2664, 0.4429,
0.4462

53.9018, 0.4844,
0.4536


68.3150, 0.4241,
0.4344


53.8971, 0.4844,
0.4536

72.6928, 0.4041,
0.4194

77.4150, 0.3839,
0.4021

 82.4954, 0.3643,
0.3837

 87.9469, 0.3457,
0.3649

 93.7813, 0.3284,
0.3466

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.



60.5292, 0.4990, 0.3872



60.5292, 0.4597, 0.4535



60.5292, 0.3847, 0.5019

Triad

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



60.5292, 0.4597, 0.4535



60.5292, 0.1681, 0.3017



60.5292, 0.3055, 0.2161

Complementary

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



60.5292, 0.4597, 0.4535



19.3021, 0.1775, 0.1365

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.



60.5292, 0.2234, 0.1923



60.5292, 0.4597, 0.4535



60.5292, 0.1547, 0.2284

Square

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



60.5292, 0.4597, 0.4535



60.5292, 0.2168, 0.4077



60.5292, 0.1731, 0.1946



60.5292, 0.4045, 0.2617

Rectangle

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



60.5292, 0.4597, 0.4535



60.5292, 0.3259, 0.5046



60.5292, 0.1731, 0.1946



60.5292, 0.2750, 0.2055

Sweetspot

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



60.5299, 0.4597, 0.4535



85.7126, 0.3530, 0.3724



24.8060, 0.5157, 0.2820



17.9326, 0.3597, 0.3791



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.



60.5299, 0.4597, 0.4535



55.1440, 0.4803, 0.4548



86.0868, 0.3850, 0.5167



20.1351, 0.3276, 0.3457



28.4339, 0.4831, 0.4546



2.9581, 0.4740, 0.4618

Inverse Universe

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



19.3021, 0.1775, 0.1365



13.3526, 0.1624, 0.1022



11.8577, 0.1802, 0.0904



18.2484, 0.2979, 0.3117



6.6262, 0.1606, 0.0980



0.8248, 0.1666, 0.1198

Previews

White Background



This preview shows how the Yxy color 60.5292, 0.4597, 0.4535 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 60.5292, 0.4597, 0.4535 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 60.5292, 0.4597, 0.4535

Background



This preview shows how black text looks on a background with the Yxy color 60.5292, 0.4597, 0.4535.



This preview shows how white text looks on a background with the Yxy color 60.5292, 0.4597, 0.4535.

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

60.5292, 0.4597, 0.4535

Protanopia

60.7520, 0.4301, 0.4739

Deuteranopia

60.7199, 0.4525, 0.4444



Tritanopia

60.4090, 0.3622, 0.3177

Trichromacy



Original Color

60.5292, 0.4597, 0.4535

Protanomaly

60.3811, 0.4411, 0.4662

Deuteranomaly

60.6380, 0.4555, 0.4483

Tritanomaly

59.6688, 0.4064, 0.3761

Monochromacy



Original Color

60.5292, 0.4597, 0.4535

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.3989, 0.3715, 0.3902

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.5292, 0.4597, 0.4535 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, 195, 51)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 51)  
}
```

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, 195, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 51) }
```

Border

The CSS property to change the border of an element to Yxy 60.5292, 0.4597, 0.4535 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, 195, 51) }
```

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

```
.border{ border-color:rgb(255, 195, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 195, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 195, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 195, 51);  
box-shadow:4px 4px 4px 4px rgb(255, 195,  
51) }
```


Background

The CSS property to change the background color of an element to Yxy 60.5292, 0.4597, 0.4535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 195, 51) }
```

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

```
.background{ background-color: rgb(255,  
195, 51) }
```

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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