

Converting Colors

$Yxy(60.4975, 0.4621, 0.4567)$

Have a look what the booklet for
Yxy(60.4975, 0.4621, 0.4567)
contains.

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Color

Yxy(60.4646, 0.4622, 0.4567)

Conversions

Conversions Part 1

Format	Color
Hex	FFC32B
RGB	255, 195, 43
RGB Percent	100%, 76%, 17%
CMY	0.0000, 0.2353, 0.8311
CMYK	0.00, 0.24, 0.83, 0.00
HSL	43°, 100%, 58%
HSV	43°, 83%, 100%
XYZ	61.1928, 60.4646, 10.7372
YIQ	195.6120, 84.5520, -34.5520

Conversions

Conversions Part 2

Format	Color
R _Y B	127, 255, 43
Decimal	16761643
CIE Lab	82.09, 8.94, 76.72
CIE LCh	82, 77.240, 83.354
Yxy	60.4646, 0.4622, 0.4567
Android (android.graphics.Color)	4294951723 (0xFFFFC32B)
YUV	195.6120, -75.2377, 52.0833
Hunter-Lab	77.7590, 4.3931, 46.2443

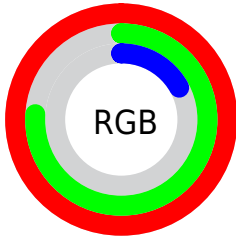
Details

The Yxy color **60.4646, 0.4622, 0.4567** is a light color, and the websafe version is hex **FFCC33**.

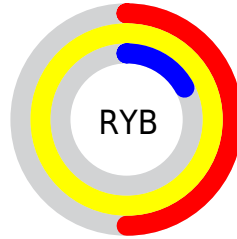
The color can be described as light washed yellow. A complement of this color would be **17.4486, 0.1731, 0.1264**, and the grayscale version is **55.3846, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.2538, 0.3990, 0.4654**, and **30.6835, 0.4754, 0.4607** is the 20% darker color. If you saturate the color by 10%, you get **57.1773, 0.4745, 0.4577**, and if you desaturate by 10%, it is **64.0304, 0.4468, 0.4507**.

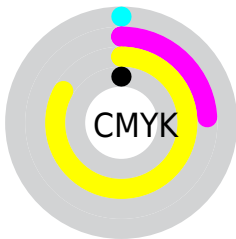
Distribution



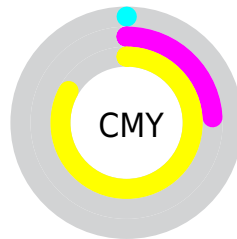
- Red (100%)
- Green (76%)
- Blue (17%)



- Red (50%)
- Yellow (100%)
- Blue (17%)



- Cyan (0%)
- Magenta (24%)
- Yellow (83%)
- Black (0%)




- Cyan (0%)
- Magenta (24%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.4646, 0.4622, 0.4567 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 60.4646, 0.4622, 0.4567 by changing the saturation by 10% instead.


 60.4646, 0.4622,
0.4567


 60.4646, 0.4622,
0.4567


426.3082, 0.3982,
0.4054


 43.7932, 0.4738,
0.4649


 105.5033, 0.4421,
0.4415

 30.5080, 0.4862,
0.4728


 134.6395, 0.4336,
0.4348


 20.2245, 0.4987,
0.4796

 168.6993, 0.4260,
0.4286

 12.5583, 0.5136,
0.4864

 208.0673, 0.4192,
0.4231

 7.1251, 0.5190,
0.4810

 253.1278, 0.4131,
0.4180

 3.5405, 0.5270,
0.4730


 304.2652, 0.4077,

 1.4200, 0.5406,


0.4134


0.4594


361.8638, 0.4027,
0.4092


 0.2314, 0.6544,
0.3456


 0.0000, 0.0000,
0.0000


 60.4646, 0.4622,
0.4567


 60.4646, 0.4622,
0.4567


 57.1773, 0.4745,
0.4577


 64.0304, 0.4468,
0.4507

 55.0495, 0.4815,
0.4559


 67.8877, 0.4289,
0.4400


 72.0568, 0.4096,
0.4257


 76.5533, 0.3897,
0.4088

 81.3910, 0.3700,
0.3904

 86.5828, 0.3512,
0.3714

 92.1407, 0.3336,
0.3526

 98.0757, 0.3174,
0.3345

 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.



60.4646, 0.5038, 0.3886



60.4646, 0.4622, 0.4567



60.4646, 0.3847, 0.5072

Triad

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



60.4646, 0.4622, 0.4567



60.4646, 0.1640, 0.2992



60.4646, 0.3063, 0.2138

Complementary

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



60.4646, 0.4622, 0.4567



17.4486, 0.1731, 0.1264

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.



60.4646, 0.2218, 0.1892



60.4646, 0.4622, 0.4567



60.4646, 0.1511, 0.2247

Square

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



60.4646, 0.4622, 0.4567



60.4646, 0.2131, 0.4088



60.4646, 0.1703, 0.1910



60.4646, 0.4084, 0.2605

Rectangle

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



60.4646, 0.4622, 0.4567



60.4646, 0.3244, 0.5101



60.4646, 0.1703, 0.1910



60.4646, 0.2749, 0.2029

Sweetspot

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



60.4673, 0.4622, 0.4567



85.5738, 0.3547, 0.3750



23.9745, 0.5325, 0.2865



17.9222, 0.3613, 0.3817



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.



60.4673, 0.4622, 0.4567



55.0495, 0.4815, 0.4559



85.2622, 0.3830, 0.5223



20.1705, 0.3276, 0.3460



29.0312, 0.4802, 0.4569



3.0125, 0.4716, 0.4637

Inverse Universe

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



17.4486, 0.1731, 0.1264



11.8791, 0.1591, 0.0927



11.0761, 0.1777, 0.0854



18.2150, 0.2979, 0.3115



6.4241, 0.1599, 0.0955



0.8015, 0.1659, 0.1171

Previews

White Background



This preview shows how the Yxy color 60.4646, 0.4622, 0.4567 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 60.4646, 0.4622, 0.4567 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 60.4646, 0.4622, 0.4567

Background



This preview shows how black text looks on a background with the Yxy color 60.4646, 0.4622, 0.4567.



This preview shows how white text looks on a background with the Yxy color 60.4646, 0.4622, 0.4567.

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

60.4646, 0.4622, 0.4567

Protanopia

60.6829, 0.4326, 0.4777

Deuteranopia

60.2488, 0.4542, 0.4447



Tritanopia

60.4090, 0.3622, 0.3177

Trichromacy



Original Color

60.4646, 0.4622, 0.4567

Protanomaly

60.3135, 0.4436, 0.4698

Deuteranomaly

60.1491, 0.4580, 0.4495

Tritanomaly

59.5783, 0.4089, 0.3791

Monochromacy



Original Color

60.4646, 0.4622, 0.4567

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

56.1250, 0.3737, 0.3951

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.4646, 0.4622, 0.4567 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, 43)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 43)  
}
```

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, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 43) }
```

Border

The CSS property to change the border of an element to Yxy 60.4646, 0.4622, 0.4567 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, 43) }
```

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

```
.border{ border-color:rgb(255, 195, 43) }
```

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, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 195, 43); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 195, 43); box-shadow:4px 4px 4px 4px rgb(255, 195, 43) }
```


Background

The CSS property to change the background color of an element to Yxy 60.4646, 0.4622, 0.4567 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, 43) }
```

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

```
.background{ background-color: rgb(255,  
195, 43) }
```

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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