

Converting Colors

$Yxy(60.8127, 0.4639, 0.4337)$

Have a look what the booklet for
Yxy(60.8127, 0.4639, 0.4337)
contains.

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Color

Yxy(58.5548, 0.4552, 0.4383)

Conversions

Conversions Part 1

Format	Color
Hex	FFBE48
RGB	255, 190, 72
RGB Percent	100%, 75%, 28%
CMY	0.0002, 0.2548, 0.7176
CMYK	0.00, 0.25, 0.72, 0.00
HSL	39°, 100%, 64%
HSV	39°, 72%, 100%
XYZ	60.8126, 58.5548, 14.2279
YIQ	195.9830, 76.6180, -22.9180

Conversions

Conversions Part 2

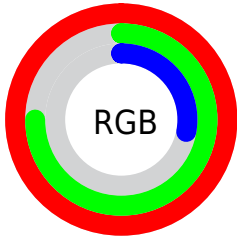
Format	Color
RYB	173, 255, 72
Decimal	16760392
CIELab	81.05, 12.54, 65.83
CIELCh	81, 67.015, 79.213
Yxy	58.5548, 0.4552, 0.4383
Android (android.graphics.Color)	4294950472 (0xFFFFBE48)
YUV	195.9830, -61.1236, 51.7579
Hunter-Lab	76.5211, 7.9449, 42.5407

Details

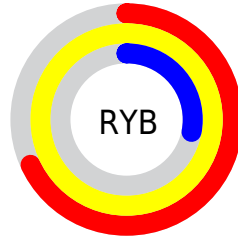
The Yxy color **58.5548, 0.4552, 0.4383** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light washed orange. A complement of this color would be **26.4696, 0.1923, 0.1716**, and the grayscale version is **55.5314, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.7038, 0.3905, 0.4439**, and **29.3672, 0.4825, 0.4540** is the 20% darker color. If you saturate the color by 10%, you get **54.4912, 0.4742, 0.4437**, and if you desaturate by 10%, it is **63.0055, 0.4341, 0.4284**.

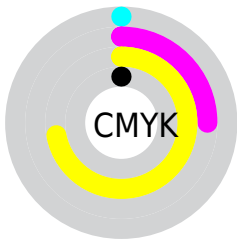
Distribution



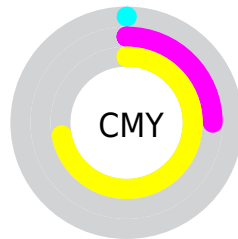
- Red (100%)
- Green (75%)
- Blue (28%)



- Red (68%)
- Yellow (100%)
- Blue (28%)



- Cyan (0%)
- Magenta (25%)
- Yellow (72%)
- Black (0%)




- Cyan (0%)
- Magenta (25%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.5548, 0.4552, 0.4383 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 58.5548, 0.4552, 0.4383 by changing the saturation by 10% instead.

 58.5548, 0.4552,
0.4383

 58.5548, 0.4552,
0.4383


419.2501, 0.3913,
0.3930


 42.2548, 0.4680,
0.4461


 102.7303, 0.4342,
0.4244


 29.3009, 0.4824,
0.4541


 131.3747, 0.4257,
0.4184

 19.3086, 0.4983,
0.4616


 164.9027, 0.4181,
0.4130

 11.8934, 0.5175,
0.4689

 203.6986, 0.4115,
0.4082

 6.6712, 0.5323,
0.4677

 248.1469, 0.4055,
0.4038

 3.2573, 0.5439,
0.4561

298.6320, 0.4003,

 1.2675, 0.5636,

0.3999

0.4364

355.5383, 0.3955,
0.3963

0.1158, 0.7823,
0.2177

0.0000, 0.0000,
0.0000

58.5548, 0.4552,
0.4383

58.5548, 0.4552,
0.4383

54.4912, 0.4742,
0.4437

63.0055, 0.4341,
0.4284


50.7833, 0.4902,
0.4438

67.8539, 0.4121,
0.4150


47.9712, 0.5011,
0.4404

73.1205, 0.3902,
0.3992

78.8210, 0.3692,
0.3823

 84.9700, 0.3496,
0.3650

 91.5814, 0.3316,
0.3480

 98.6681, 0.3154,
0.3318

99.9925, 0.3127,
0.3290

Harmonies

Analogous

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



58.5548, 0.4836, 0.3774



58.5548, 0.4552, 0.4383



58.5548, 0.3904, 0.4832

Triad

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



58.5548, 0.4552, 0.4383



58.5548, 0.1839, 0.3165



58.5548, 0.2960, 0.2209

Complementary

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



58.5548, 0.4552, 0.4383



26.4696, 0.1923, 0.1716

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.



58.5548, 0.2236, 0.2016



58.5548, 0.4552, 0.4383



58.5548, 0.1667, 0.2444

Square

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



58.5548, 0.4552, 0.4383



58.5548, 0.2340, 0.4114



58.5548, 0.1802, 0.2078



58.5548, 0.3851, 0.2614

Rectangle

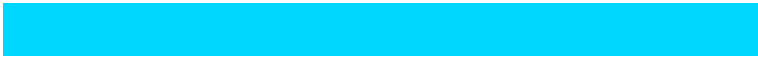
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



58.5548, 0.4552, 0.4383



58.5548, 0.3370, 0.4885



58.5548, 0.1802, 0.2078



58.5548, 0.2690, 0.2119

Sweetspot

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



58.5577, 0.4552, 0.4383



84.8463, 0.3500, 0.3654



27.7543, 0.4670, 0.2688



17.7945, 0.3552, 0.3701



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.



58.5577, 0.4552, 0.4383



52.8948, 0.4814, 0.4444



88.8795, 0.3913, 0.4987



19.9422, 0.3278, 0.3443



25.3667, 0.4994, 0.4417



2.6760, 0.4878, 0.4509

Inverse Universe

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



26.4696, 0.1923, 0.1716



19.5198, 0.1750, 0.1381



14.3611, 0.1860, 0.1059



18.4326, 0.2979, 0.3132



7.8923, 0.1648, 0.1132



0.9654, 0.1710, 0.1356

Previews

White Background



This preview shows how the Yxy color 58.5548, 0.4552, 0.4383 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 58.5548, 0.4552, 0.4383 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 58.5548, 0.4552, 0.4383

Background



This preview shows how black text looks on a background with the Yxy color 58.5548, 0.4552, 0.4383.



This preview shows how white text looks on a background with the Yxy color 58.5548, 0.4552, 0.4383.

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

58.5548, 0.4552, 0.4383

Protanopia

58.7566, 0.4195, 0.4613

Deuteranopia

58.4249, 0.4520, 0.4405



Tritanopia

58.5662, 0.3667, 0.3177

Trichromacy



Original Color

58.5548, 0.4552, 0.4383

Protanomaly

58.7154, 0.4323, 0.4531

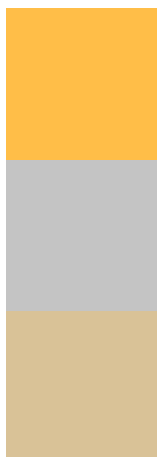
Deuteranomaly

58.6121, 0.4528, 0.4401

Tritanomaly

58.1278, 0.4041, 0.3669

Monochromacy



Original Color

58.5548, 0.4552, 0.4383

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.5697, 0.3658, 0.3800

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.5548, 0.4552, 0.4383 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, 190, 72)` looks like.

```
.text, #text, p{  
    color:rgb(255, 190, 72)  
}
```

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, 190, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 72) }
```

Border

The CSS property to change the border of an element to Yxy 58.5548, 0.4552, 0.4383 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, 190, 72) }
```

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

```
.border{ border-color:rgb(255, 190, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 190, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 190, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 190, 72);  
box-shadow:4px 4px 4px 4px rgb(255, 190,  
72) }
```


Background

The CSS property to change the background color of an element to Yxy 58.5548, 0.4552, 0.4383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 190, 72) }
```

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

```
.background{ background-color: rgb(255,  
190, 72) }
```

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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