

Converting Colors

$Yxy(54.7611, 0.4572, 0.4457)$

Have a look what the booklet for
Yxy(54.7611, 0.4572, 0.4457)
contains.

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Color

Yxy(54.6170, 0.4580, 0.4453)

Conversions

Conversions Part 1

Format	Color
Hex	F6B93C
RGB	246, 185, 60
RGB Percent	96%, 73%, 24%
CMY	0.0352, 0.2745, 0.7646
CMYK	0.00, 0.25, 0.76, 0.04
HSL	40°, 91%, 60%
HSV	40°, 76%, 96%
XYZ	56.1747, 54.6170, 11.8605
YIQ	188.9890, 76.4810, -25.9430

Conversions

Conversions Part 2

Format	Color
RYB	151, 246, 60
Decimal	16169276
CIELab	78.82, 10.89, 67.97
CIELCh	79, 68.834, 80.894
Yxy	54.6170, 0.4580, 0.4453
Android (android.graphics.Color)	4294359356 (0xFFFF6B93C)
YUV	188.9890, -63.5916, 49.9986
Hunter-Lab	73.9033, 6.3489, 42.2171

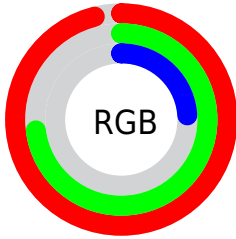
Details

The Yxy color **54.6170, 0.4580, 0.4453** is a light color, and the websafe version is hex **FFCC33**.

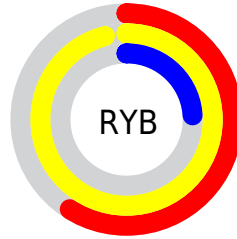
The color can be described as light washed orange. A complement of this color would be **21.3022, 0.1855, 0.1559**, and the grayscale version is **51.2242, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.4084, 0.3991, 0.4497**, and **26.8168, 0.4809, 0.4564** is the 20% darker color. If you saturate the color by 10%, you get **51.1355, 0.4747, 0.4493**, and if you desaturate by 10%, it is **58.4165, 0.4388, 0.4365**.

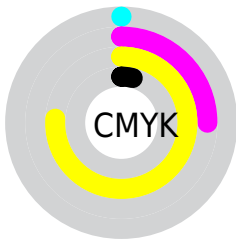
Distribution



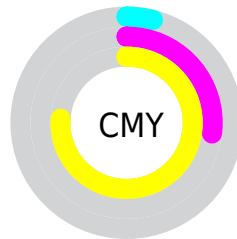
- Red (96%)
- Green (73%)
- Blue (24%)



- Red (59%)
- Yellow (96%)
- Blue (24%)



- Cyan (0%)
- Magenta (25%)
- Yellow (76%)
- Black (4%)





- Cyan (4%)
- Magenta (27%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.6170, 0.4580, 0.4453 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 54.6170, 0.4580, 0.4453 by changing the saturation by 10% instead.


 54.6170, 0.4580,
0.4453


 54.6170, 0.4580,
0.4453


404.4585, 0.3928,
0.3968


 39.0952, 0.4708,
0.4535

 96.9796, 0.4368,
0.4305


 26.8338, 0.4849,
0.4618


 124.5891, 0.4281,
0.4241


 17.4484, 0.5001,
0.4691


 156.9966, 0.4204,
0.4183

 10.5547, 0.5211,
0.4789

 194.5866, 0.4135,
0.4131

 5.7683, 0.5284,
0.4716

 237.7434, 0.4075,
0.4084

 2.7047, 0.5398,
0.4602

286.8513, 0.4021,

 0.9796, 0.5597,

0.4041

342.2949, 0.3972,
0.4003

0.4403

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.6170, 0.4580,
0.4453

54.6170, 0.4580,
0.4453

51.1355, 0.4747,
0.4493

58.4165, 0.4388,
0.4365


47.9423, 0.4882,
0.4481


62.5437, 0.4180,
0.4237


46.6157, 0.4934,
0.4464


67.0170, 0.3969,
0.4082


71.8506, 0.3761,
0.3911

 77.0575, 0.3564,
0.3732

 82.6499, 0.3381,
0.3555

 88.6392, 0.3214,
0.3383

 94.9167, 0.3073,
0.3237

 98.3351, 0.3072,
0.3290

Harmonies

Analogous

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



54.6170, 0.4913, 0.3818



54.6170, 0.4580, 0.4453



54.6170, 0.3884, 0.4920

Triad

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



54.6170, 0.4580, 0.4453



54.6170, 0.1763, 0.3100



54.6170, 0.2999, 0.2183

Complementary

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



54.6170, 0.4580, 0.4453



21.3022, 0.1855, 0.1559

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.



54.6170, 0.2230, 0.1969



54.6170, 0.4580, 0.4453



54.6170, 0.1608, 0.2369

Square

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



54.6170, 0.4580, 0.4453



54.6170, 0.2261, 0.4105



54.6170, 0.1765, 0.2014



54.6170, 0.3938, 0.2612

Rectangle

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



54.6170, 0.4580, 0.4453



54.6170, 0.3323, 0.4964



54.6170, 0.1765, 0.2014



54.6170, 0.2713, 0.2085

Sweetspot

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



54.6197, 0.4580, 0.4453



85.1138, 0.3516, 0.3687



24.2361, 0.4891, 0.2748



17.7617, 0.3584, 0.3751



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.



54.6197, 0.4580, 0.4453



53.5112, 0.4827, 0.4493



80.6952, 0.3885, 0.5072



18.3437, 0.3277, 0.3449



25.1458, 0.4919, 0.4476



2.3972, 0.4805, 0.4567

Inverse Universe

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



21.3022, 0.1855, 0.1559



16.3397, 0.1685, 0.1204



12.1155, 0.1835, 0.0985



16.8146, 0.2980, 0.3126



6.8964, 0.1629, 0.1065



0.7861, 0.1698, 0.1312

Previews

White Background



This preview shows how the Yxy color 54.6170, 0.4580, 0.4453 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 54.6170, 0.4580, 0.4453 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 54.6170, 0.4580, 0.4453

Background



This preview shows how black text looks on a background with the Yxy color 54.6170, 0.4580, 0.4453.



This preview shows how white text looks on a background with the Yxy color 54.6170, 0.4580, 0.4453.

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

54.6170, 0.4580, 0.4453

Protanopia

54.8988, 0.4245, 0.4675

Deuteranopia

54.8565, 0.4563, 0.4467



Tritanopia

54.5031, 0.3744, 0.3155

Trichromacy



Original Color

54.6170, 0.4580, 0.4453

Protanomaly

54.7051, 0.4368, 0.4593

Deuteranomaly

54.8565, 0.4563, 0.4467

Tritanomaly

53.8470, 0.4123, 0.3685

Monochromacy



Original Color

54.6170, 0.4580, 0.4453

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.6211, 0.3689, 0.3852

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.6170, 0.4580, 0.4453 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(246, 185, 60)` looks like.

```
.text, #text, p{  
    color:rgb(246, 185, 60)  
}
```

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(246, 185, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 185, 60) }
```

Border

The CSS property to change the border of an element to Yxy 54.6170, 0.4580, 0.4453 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(246, 185, 60) }
```

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

```
.border{ border-color:rgb(246, 185, 60) }
```

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

Here you see how a box with a 4 pixel rgb(246, 185, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 185, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 185, 60);  
box-shadow:4px 4px 4px 4px rgb(246, 185,  
60) }
```


Background

The CSS property to change the background color of an element to Yxy 54.6170, 0.4580, 0.4453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 185, 60) }
```

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

```
.background{ background-color: rgb(246,  
185, 60) }
```

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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