

Converting Colors

$Y_{xy}(54.2700, 0.4371, 0.4154)$

Have a look what the booklet for
Yxy(54.2700, 0.4371, 0.4154)
contains.

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Color

Yxy(54.3607, 0.4371, 0.4155)

Conversions

Conversions Part 1

Format	Color
Hex	F6B763
RGB	246, 183, 99
RGB Percent	96%, 72%, 39%
CMY	0.0354, 0.2823, 0.6117
CMYK	0.00, 0.26, 0.60, 0.04
HSL	34°, 89%, 68%
HSV	34°, 60%, 96%
XYZ	57.1867, 54.3607, 19.2846
YIQ	192.2610, 64.5120, -12.7680

Conversions

Conversions Part 2

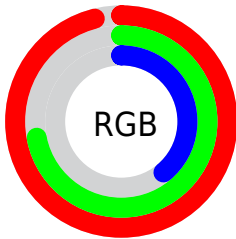
Format	Color
R _Y B	209, 246, 99
Decimal	16168803
CIE Lab	78.67, 14.04, 50.91
CIE LCh	79, 52.810, 74.583
Yxy	54.3607, 0.4371, 0.4155
Android (android.graphics.Color)	4294358883 (0xFFFF6B763)
YUV	192.2610, -45.9777, 47.1291
Hunter-Lab	73.7297, 9.4222, 36.1030

Details

The Yxy color **54.3607, 0.4371, 0.4155** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **35.1369, 0.2142, 0.2170**, and the grayscale version is **53.1200, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.2600, 0.3792, 0.4157**, and **26.6178, 0.4655, 0.4307** is the 20% darker color. If you saturate the color by 10%, you get **49.7761, 0.4616, 0.4248**, and if you desaturate by 10%, it is **59.4194, 0.4124, 0.4030**.

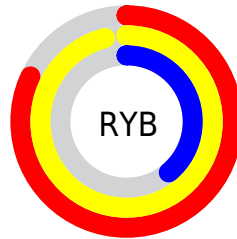
Distribution



Red (96%)

Green (72%)

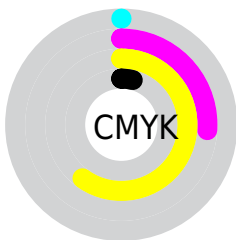
Blue (39%)



Red (82%)

Yellow (96%)

Blue (39%)

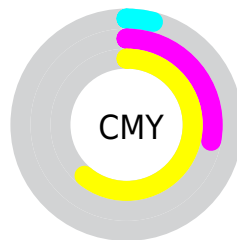


Cyan (0%)

Magenta (26%)

Yellow (60%)

Black (4%)



Cyan (4%)


Magenta (28%)

Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.3607, 0.4371, 0.4155 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 54.3607, 0.4371, 0.4155 by changing the saturation by 10% instead.

 54.3607, 0.4371,
0.4155


 54.3607, 0.4371,
0.4155

403.4840, 0.3784,
0.3777

 38.8901, 0.4500,
0.4228


 96.6036, 0.4169,
0.4033


 26.6743, 0.4655,
0.4309


 124.1448, 0.4090,
0.3983

 17.3287, 0.4839,
0.4393

 156.4783, 0.4021,
0.3938

 10.4691, 0.5055,
0.4471

 193.9884, 0.3961,
0.3899

 5.7111, 0.5400,
0.4600

237.0597, 0.3909,
0.3863

 2.6702, 0.5544,
0.4456

286.0764, 0.3862,

 0.9621, 0.5796,

0.3832

0.4204

341.4231, 0.3821,
0.3803

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.3607, 0.4371,
0.4155

54.3607, 0.4371,
0.4155

49.7761, 0.4616,
0.4248

59.4194, 0.4124,
0.4030

45.6370, 0.4847,
0.4297


64.9629, 0.3887,
0.3886

41.9227, 0.5049,
0.4293


71.0110, 0.3666,
0.3733


38.5998, 0.5216,
0.4238

77.5798, 0.3464,
0.3579

 38.5206, 0.5221,
0.4237

 84.6845, 0.3284,
0.3429

 92.3395, 0.3123,
0.3287

 98.3291, 0.3072,
0.3290

Harmonies

Analogous

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



54.3607, 0.4518, 0.3648



54.3607, 0.4371, 0.4155



54.3607, 0.3888, 0.4518

Triad

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



54.3607, 0.4371, 0.4155



54.3607, 0.2111, 0.3319



54.3607, 0.2895, 0.2346

Complementary

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



54.3607, 0.4371, 0.4155



35.1369, 0.2142, 0.2170

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.



54.3607, 0.2319, 0.2216



54.3607, 0.4371, 0.4155



54.3607, 0.1910, 0.2686

Square

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



54.3607, 0.4371, 0.4155



54.3607, 0.2581, 0.4051



54.3607, 0.1983, 0.2318



54.3607, 0.3609, 0.2669

Rectangle

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



54.3607, 0.4371, 0.4155



54.3607, 0.3459, 0.4575



54.3607, 0.1983, 0.2318



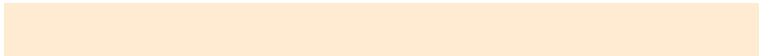
54.3607, 0.2680, 0.2279

Sweetspot

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



54.3634, 0.4371, 0.4155



85.4776, 0.3432, 0.3553



31.1479, 0.4152, 0.2637



17.8319, 0.3488, 0.3598



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.



54.3634, 0.4371, 0.4155



52.9056, 0.4673, 0.4264



84.6638, 0.3903, 0.4730



18.0551, 0.3279, 0.3425



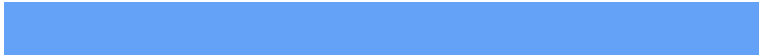
20.8488, 0.5199, 0.4254



2.0362, 0.5038, 0.4381

Inverse Universe

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



35.1369, 0.2142, 0.2170



30.4056, 0.1965, 0.1891



18.8169, 0.2020, 0.1388



17.0941, 0.2980, 0.3151



9.2522, 0.1708, 0.1347



1.0128, 0.1775, 0.1590

Previews

White Background



This preview shows how the Yxy color 54.3607, 0.4371, 0.4155 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 54.3607, 0.4371, 0.4155 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 54.3607, 0.4371, 0.4155

Background



This preview shows how black text looks on a background with the Yxy color 54.3607, 0.4371, 0.4155.



This preview shows how white text looks on a background with the Yxy color 54.3607, 0.4371, 0.4155.

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

54.3607, 0.4371, 0.4155

Protanopia

54.4566, 0.3994, 0.4351

Deuteranopia

54.5249, 0.4305, 0.4215



Tritanopia

54.3150, 0.3735, 0.3155

Trichromacy



Original Color

54.3607, 0.4371, 0.4155

Protanomaly

54.3897, 0.4123, 0.4280

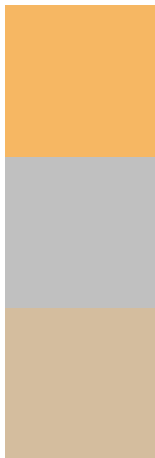
Deuteranomaly

54.4570, 0.4330, 0.4198

Tritanomaly

54.1014, 0.3989, 0.3539

Monochromacy



Original Color

54.3607, 0.4371, 0.4155

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.8609, 0.3572, 0.3665

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3607, 0.4371, 0.4155 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, 183, 99)` looks like.

```
.text, #text, p{  
    color:rgb(246, 183, 99)  
}
```

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, 183, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 183, 99) }
```

Border

The CSS property to change the border of an element to Yxy 54.3607, 0.4371, 0.4155 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, 183, 99) }
```

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

```
.border{ border-color:rgb(246, 183, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 183, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 183, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 183, 99);  
box-shadow:4px 4px 4px 4px rgb(246, 183,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3607, 0.4371, 0.4155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 183, 99) }
```

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

```
.background{ background-color: rgb(246,  
183, 99) }
```

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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