

Converting Colors

$Yxy(50.4264, 0.4438, 0.4079)$

Have a look what the booklet for
Yxy(50.4264, 0.4438, 0.4079)
contains.

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Color

Yxy(50.5664, 0.4436, 0.4079)

Conversions

Conversions Part 1

Format	Color
Hex	F5AE62
RGB	245, 174, 98
RGB Percent	96%, 68%, 38%
CMY	0.0393, 0.3176, 0.6158
CMYK	0.00, 0.29, 0.60, 0.04
HSL	31°, 88%, 67%
HSV	31°, 60%, 96%
XYZ	54.9920, 50.5664, 18.4092
YIQ	186.5650, 66.7120, -8.5840

Conversions

Conversions Part 2

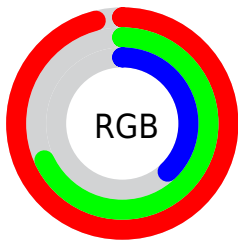
Format	Color
R _Y B	235, 245, 98
Decimal	16100962
CIE Lab	76.42, 18.29, 48.75
CIE LCh	76, 52.065, 69.430
Yxy	50.5664, 0.4436, 0.4079
Android (android.graphics.Color)	4294291042 (0xFFF5AE62)
YUV	186.5650, -43.6625, 51.2475
Hunter-Lab	71.1101, 13.5981, 34.4279

Details

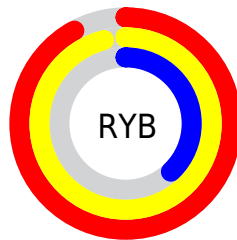
The Yxy color **50.5664, 0.4436, 0.4079** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **37.5407, 0.2163, 0.2276**, and the grayscale version is **49.6583, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.0880, 0.3833, 0.4086**, and **24.4468, 0.4740, 0.4214** is the 20% darker color. If you saturate the color by 10%, you get **45.8042, 0.4706, 0.4159**, and if you desaturate by 10%, it is **55.8776, 0.4169, 0.3967**.

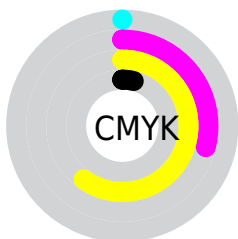
Distribution



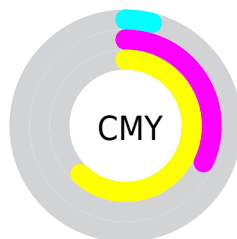
- Red (96%)
- Green (68%)
- Blue (38%)



- Red (92%)
- Yellow (96%)
- Blue (38%)



- Cyan (0%)
- Magenta (29%)
- Yellow (60%)
- Black (4%)



- Cyan (4%)
- Magenta (32%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.5664, 0.4436, 0.4079 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 50.5664, 0.4436, 0.4079 by changing the saturation by 10% instead.


 50.5664, 0.4436,
0.4079

 50.5664, 0.4436,
0.4079

388.8768, 0.3806,
0.3738

 35.8636, 0.4578,
0.4143


 91.0135, 0.4217,
0.3970


 24.3289, 0.4749,
0.4212


 117.5267, 0.4132,
0.3925

 15.5778, 0.4956,
0.4281


 148.7454, 0.4058,
0.3884

 9.2259, 0.5204,
0.4335

 185.0541, 0.3994,
0.3848

 4.8888, 0.5586,
0.4414

226.8373, 0.3939,
0.3816

 2.1822, 0.5789,
0.4211

274.4791, 0.3889,

 0.7102, 0.6190,

0.3787

0.3810

328.3642, 0.3846,
0.3761

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.5664, 0.4436,
0.4079

50.5664, 0.4436,
0.4079

45.8042, 0.4706,
0.4159

55.8776, 0.4169,
0.3967

41.5597, 0.4963,
0.4195


61.7519, 0.3916,
0.3836


37.8087, 0.5191,
0.4177


68.2118, 0.3683,
0.3697

34.5164, 0.5381,
0.4109

75.2763, 0.3475,
0.3556

 82.9631, 0.3290,
0.3420

 91.2892, 0.3127,
0.3290

 98.1499, 0.3066,
0.3290

Harmonies

Analogous

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



50.5664, 0.4513, 0.3558



50.5664, 0.4436, 0.4079



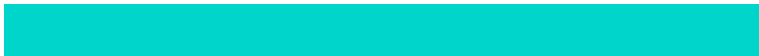
50.5664, 0.3995, 0.4485

Triad

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



50.5664, 0.4436, 0.4079



50.5664, 0.2165, 0.3447



50.5664, 0.2778, 0.2301

Complementary

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



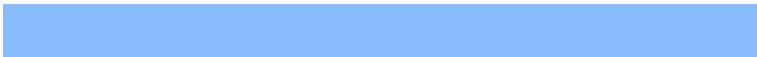
50.5664, 0.4436, 0.4079



37.5407, 0.2163, 0.2276

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.



50.5664, 0.2236, 0.2207



50.5664, 0.4436, 0.4079



50.5664, 0.1914, 0.2772

Square

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



50.5664, 0.4436, 0.4079



50.5664, 0.2680, 0.4171



50.5664, 0.1942, 0.2353



50.5664, 0.3488, 0.2596

Rectangle

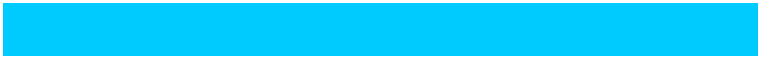
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



50.5664, 0.4436, 0.4079



50.5664, 0.3577, 0.4592



50.5664, 0.1942, 0.2353



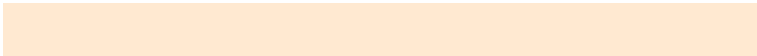
50.5664, 0.2572, 0.2245

Sweetspot

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



50.5689, 0.4436, 0.4079



84.0568, 0.3436, 0.3529



31.0053, 0.4060, 0.2560



17.4854, 0.3493, 0.3569



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.



50.5689, 0.4436, 0.4079



49.1265, 0.4763, 0.4171



85.1495, 0.3959, 0.4704



17.9004, 0.3281, 0.3413



18.8761, 0.5357, 0.4128



1.8648, 0.5172, 0.4275

Inverse Universe

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



37.5407, 0.2163, 0.2276



33.7275, 0.1999, 0.2028



18.0548, 0.1971, 0.1361



17.2470, 0.2980, 0.3164



10.8408, 0.1756, 0.1520



1.1576, 0.1820, 0.1751

Previews

White Background



This preview shows how the Yxy color 50.5664, 0.4436, 0.4079 looks on a white background.

Color Contrast Check

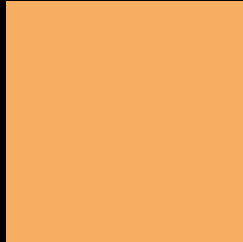
Large Text (above 18pt) WCAG AA × Fail

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 50.5664, 0.4436, 0.4079 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 50.5664, 0.4436, 0.4079

Background



This preview shows how black text looks on a background with the Yxy color 50.5664, 0.4436, 0.4079.



This preview shows how white text looks on a background with the Yxy color 50.5664, 0.4436, 0.4079.

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

50.5664, 0.4436, 0.4079

Protanopia

50.7844, 0.3967, 0.4318

Deuteranopia

50.6614, 0.4285, 0.4195



Tritanopia

50.5938, 0.3826, 0.3164

Trichromacy



Original Color

50.5664, 0.4436, 0.4079

Protanomaly

50.5927, 0.4130, 0.4238

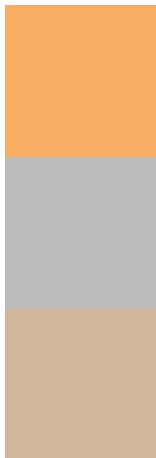
Deuteranomaly

50.7084, 0.4344, 0.4156

Tritanomaly

50.2831, 0.4075, 0.3508

Monochromacy



Original Color

50.5664, 0.4436, 0.4079

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.2324, 0.3582, 0.3624

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.5664, 0.4436, 0.4079 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(245, 174, 98)` looks like.

```
.text, #text, p{  
    color:rgb(245, 174, 98)  
}
```

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(245, 174, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 174, 98) }
```

Border

The CSS property to change the border of an element to Yxy 50.5664, 0.4436, 0.4079 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(245, 174, 98) }
```

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

```
.border{ border-color:rgb(245, 174, 98) }
```

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

Here you see how a box with a 4 pixel rgb(245, 174, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 174, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 174, 98);  
box-shadow:4px 4px 4px 4px rgb(245, 174,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 50.5664, 0.4436, 0.4079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 174, 98) }
```

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

```
.background{ background-color: rgb(245,  
174, 98) }
```

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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