

Converting Colors

Yxy(56.7803, 0.4234, 0.4030)

Have a look what the booklet for
Yxy(56.7803, 0.4234, 0.4030)
contains.

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Color

Yxy(56.7581, 0.4238, 0.4033)

Conversions

Conversions Part 1

Format	Color
Hex	F8BB74
RGB	248, 187, 116
RGB Percent	97%, 73%, 45%
CMY	0.0273, 0.2667, 0.5451
CMYK	0.00, 0.25, 0.53, 0.03
HSL	32°, 90%, 71%
HSV	32°, 53%, 97%
XYZ	59.6432, 56.7581, 24.3329
YIQ	197.1450, 59.1470, -9.1490

Conversions

Conversions Part 2

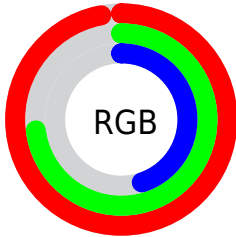
Format	Color
R _Y B	229, 248, 116
Decimal	16300916
CIE Lab	80.04, 14.09, 44.22
CIE LCh	80, 46.412, 72.332
Yxy	56.7581, 0.4238, 0.4033
Android (android.graphics.Color)	4294490996 (0xFFFF8BB74)
YUV	197.1450, -40.0045, 44.5998
Hunter-Lab	75.3380, 9.4724, 33.5869

Details

The Yxy color **56.7581, 0.4238, 0.4033** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **41.9519, 0.2257, 0.2375**, and the grayscale version is **56.1490, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.2258, 0.3674, 0.4029**, and **28.2624, 0.4500, 0.4171** is the 20% darker color. If you saturate the color by 10%, you get **51.5862, 0.4499, 0.4141**, and if you desaturate by 10%, it is **62.4782, 0.3986, 0.3902**.

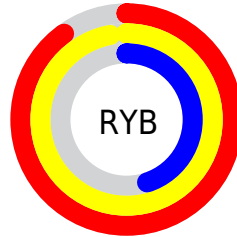
Distribution



Red (97%)

Green (73%)

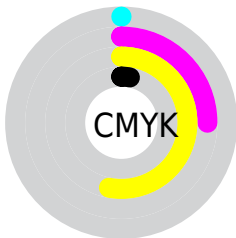
Blue (45%)



Red (90%)

Yellow (97%)

Blue (45%)

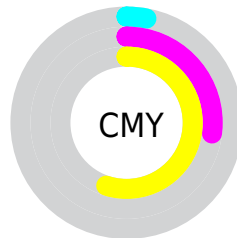


Cyan (0%)

Magenta (25%)

Yellow (53%)

Black (3%)



Cyan (3%)


Magenta (27%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.7581, 0.4238, 0.4033 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 56.7581, 0.4238, 0.4033 by changing the saturation by 10% instead.


 56.7581, 0.4238,
0.4033


 56.7581, 0.4238,
0.4033


412.5423, 0.3710,
0.3705

 40.8111, 0.4357,
0.4099


 100.1121, 0.4055,
0.3925

 28.1715, 0.4502,
0.4175


 128.2879, 0.3983,
0.3881

 18.4550, 0.4680,
0.4259


 161.3088, 0.3922,
0.3843

 11.2771, 0.4898,
0.4347

199.5590, 0.3868,
0.3808

 6.2535, 0.5184,
0.4440

243.4231, 0.3821,
0.3778

 2.9999, 0.5522,
0.4478

293.2854, 0.3780,

 1.1317, 0.5754,

0.3751

0.4246

349.5303, 0.3743,
0.3727

0.0048, 0.9864,
0.0136

0.0000, 0.0000,
0.0000

56.7581, 0.4238,
0.4033

56.7581, 0.4238,
0.4033

51.5862, 0.4499,
0.4141

62.4782, 0.3986,
0.3902

46.9324, 0.4757,
0.4212

68.7579, 0.3751,
0.3759

42.7758, 0.4997,
0.4236

75.6188, 0.3537,
0.3613

39.0890, 0.5202,
0.4204

83.0783, 0.3346,
0.3470

■ 36.8382, 0.5321,
0.4157

■ 91.1529, 0.3177,
0.3333

■ 98.7029, 0.3084,
0.3290

Harmonies

Analogous

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



56.7581, 0.4329, 0.3586



56.7581, 0.4238, 0.4033



56.7581, 0.3841, 0.4346

Triad

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



56.7581, 0.4238, 0.4033



56.7581, 0.2262, 0.3370



56.7581, 0.2885, 0.2440

Complementary

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



56.7581, 0.4238, 0.4033



41.9519, 0.2257, 0.2375

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.



56.7581, 0.2389, 0.2341



56.7581, 0.4238, 0.4033



56.7581, 0.2058, 0.2807

Square

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



56.7581, 0.4238, 0.4033



56.7581, 0.2697, 0.3982



56.7581, 0.2104, 0.2456



56.7581, 0.3502, 0.2718

Rectangle

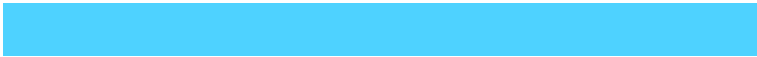
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56.7581, 0.4238, 0.4033



56.7581, 0.3473, 0.4398



56.7581, 0.2104, 0.2456



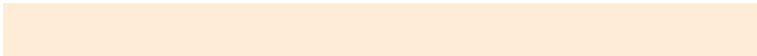
56.7581, 0.2700, 0.2386

Sweetspot

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



56.7609, 0.4238, 0.4033



86.1955, 0.3397, 0.3509



35.6515, 0.3934, 0.2648



18.0955, 0.3436, 0.3539



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.



56.7609, 0.4238, 0.4033



54.4906, 0.4522, 0.4148



87.5848, 0.3869, 0.4585



18.7712, 0.3280, 0.3418



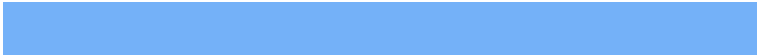
20.1778, 0.5299, 0.4175



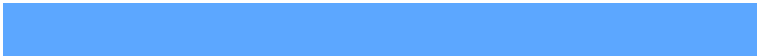
2.0810, 0.5130, 0.4308

Inverse Universe

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



41.9519, 0.2257, 0.2375



37.2139, 0.2094, 0.2146



23.2908, 0.2123, 0.1595



17.9655, 0.2979, 0.3159



10.5161, 0.1737, 0.1452



1.1836, 0.1799, 0.1677

Previews

White Background



This preview shows how the Yxy color 56.7581, 0.4238, 0.4033 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 56.7581, 0.4238, 0.4033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

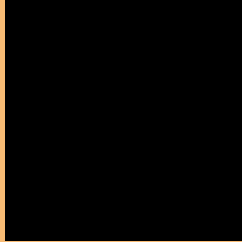
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.7581, 0.4238, 0.4033

Background



This preview shows how black text looks on a background with the Yxy color 56.7581, 0.4238, 0.4033.



This preview shows how white text looks on a background with the Yxy color 56.7581, 0.4238, 0.4033.

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

56.7581, 0.4238, 0.4033

Protanopia

56.9546, 0.3873, 0.4207

Deuteranopia

56.9420, 0.4175, 0.4090



Tritanopia

56.6732, 0.3686, 0.3155

Trichromacy



Original Color

56.7581, 0.4238, 0.4033

Protanomaly

56.8561, 0.3996, 0.4143

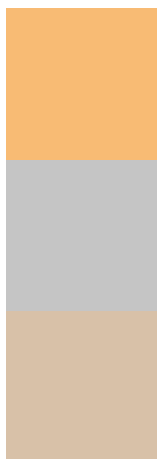
Deuteranomaly

56.8661, 0.4199, 0.4074

Tritanomaly

56.4235, 0.3900, 0.3473

Monochromacy



Original Color

56.7581, 0.4238, 0.4033

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.5660, 0.3515, 0.3587

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.7581, 0.4238, 0.4033 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(248, 187, 116)` looks like.

```
.text, #text, p{  
    color:rgb(248, 187, 116)  
}
```

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(248, 187, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 187, 116) }
```

Border

The CSS property to change the border of an element to Yxy 56.7581, 0.4238, 0.4033 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(248, 187, 116) }
```

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

```
.border{ border-color:rgb(248, 187, 116) }
```

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

Here you see how a box with a 4 pixel rgb(248, 187, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 187, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 187, 116);  
box-shadow:4px 4px 4px 4px rgb(248, 187,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 56.7581, 0.4238, 0.4033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 187, 116) }
```

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

```
.background{ background-color: rgb(248,  
187, 116) }
```

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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