

Converting Colors

Yxy(56.8332, 0.4358, 0.4111)

Have a look what the booklet for
Yxy(56.8332, 0.4358, 0.4111)
contains.

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Color

Yxy(56.8332, 0.4358, 0.4111)

Conversions

Conversions Part 1

Format	Color
Hex	FCBA69
RGB	252, 186, 105
RGB Percent	99%, 73%, 41%
CMY	0.0119, 0.2705, 0.5881
CMYK	0.00, 0.26, 0.58, 0.01
HSL	33°, 96%, 70%
HSV	33°, 58%, 99%
XYZ	60.2479, 56.8332, 21.1656
YIQ	196.5000, 65.3370, -11.1990

Conversions

Conversions Part 2

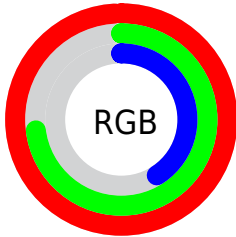
Format	Color
R _Y B	225, 252, 105
Decimal	16562793
CIE Lab	80.09, 15.35, 49.81
CIE LCh	80, 52.119, 72.877
Yxy	56.8332, 0.4358, 0.4111
Android (android.graphics.Color)	4294752873 (0xFFFCBA69)
YUV	196.5000, -45.1095, 48.6735
Hunter-Lab	75.3878, 10.7237, 36.1254

Details

The Yxy color **56.8332, 0.4358, 0.4111** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **39.1514, 0.2172, 0.2241**, and the grayscale version is **55.7674, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.2329, 0.3745, 0.4126**, and **28.2479, 0.4640, 0.4257** is the 20% darker color. If you saturate the color by 10%, you get **51.8133, 0.4614, 0.4205**, and if you desaturate by 10%, it is **62.3894, 0.4104, 0.3987**.

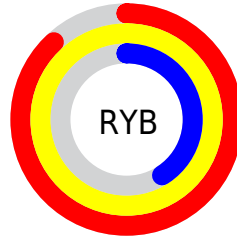
Distribution



Red (99%)

Green (73%)

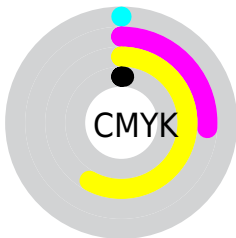
Blue (41%)



Red (88%)

Yellow (99%)

Blue (41%)

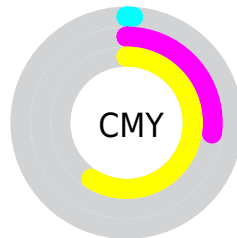


Cyan (0%)

Magenta (26%)

Yellow (58%)

Black (1%)



Cyan (1%)


Magenta (27%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.8332, 0.4358, 0.4111 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 56.8332, 0.4358, 0.4111 by changing the saturation by 10% instead.


 56.8332, 0.4358,
0.4111

 56.8332, 0.4358,
0.4111


412.8240, 0.3779,
0.3756

 40.8713, 0.4486,
0.4179

 100.2218, 0.4159,
0.3997


 28.2186, 0.4639,
0.4255


 128.4173, 0.4081,
0.3949

 18.4905, 0.4823,
0.4335


 161.4594, 0.4013,
0.3907

 11.3027, 0.5042,
0.4410

 199.7326, 0.3954,
0.3870

 6.2708, 0.5374,
0.4522

243.6213, 0.3902,
0.3837

 3.0104, 0.5576,
0.4424

293.5098, 0.3856,

 1.1372, 0.5825,

0.3807

0.4175

349.7826, 0.3815,
0.3780

0.0095, 0.9759,
0.0241

0.0000, 0.0000,
0.0000

56.8332, 0.4358,
0.4111

56.8332, 0.4358,
0.4111

51.8133, 0.4614,
0.4205

62.3894, 0.4104,
0.3987

47.2985, 0.4858,
0.4256

68.4942, 0.3863,
0.3846

43.2663, 0.5075,
0.4255

75.1695, 0.3641,
0.3697

39.6840, 0.5254,
0.4199

82.4334, 0.3439,
0.3548

39.1199, 0.5283,
0.4188

90.3028, 0.3260,
0.3404

98.7157, 0.3109,
0.3279

99.4307, 0.3108,
0.3290

Harmonies

Analogous

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



56.8332, 0.4476, 0.3614



56.8332, 0.4358, 0.4111



56.8332, 0.3904, 0.4473

Triad

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



56.8332, 0.4358, 0.4111



56.8332, 0.2157, 0.3360



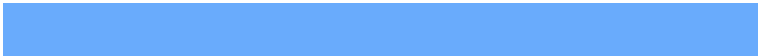
56.8332, 0.2865, 0.2356

Complementary

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



56.8332, 0.4358, 0.4111



39.1514, 0.2172, 0.2241

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.



56.8332, 0.2314, 0.2241



56.8332, 0.4358, 0.4111



56.8332, 0.1943, 0.2733

Square

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



56.8332, 0.4358, 0.4111



56.8332, 0.2630, 0.4064



56.8332, 0.2000, 0.2356



56.8332, 0.3557, 0.2662

Rectangle

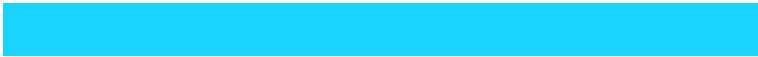
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56.8332, 0.4358, 0.4111



56.8332, 0.3490, 0.4540



56.8332, 0.2000, 0.2356



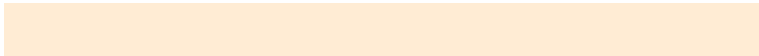
56.8332, 0.2659, 0.2294

Sweetspot

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



56.8360, 0.4358, 0.4111



85.7235, 0.3415, 0.3529



33.7453, 0.4085, 0.2623



18.0131, 0.3453, 0.3559



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.



56.8360, 0.4358, 0.4111



52.4021, 0.4657, 0.4217



89.9708, 0.3907, 0.4695



18.8113, 0.3280, 0.3421



20.6815, 0.5260, 0.4206



2.1272, 0.5097, 0.4335

Inverse Universe

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



39.1514, 0.2172, 0.2241



32.7626, 0.2004, 0.1985



20.6045, 0.2032, 0.1426



17.9259, 0.2979, 0.3156



10.1107, 0.1725, 0.1409



1.1447, 0.1788, 0.1637

Previews

White Background



This preview shows how the Yxy color 56.8332, 0.4358, 0.4111 looks on a white background.

Color Contrast Check

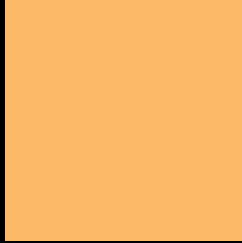
Large Text (above 18pt) WCAG AA × Fail

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 56.8332, 0.4358, 0.4111 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 56.8332, 0.4358, 0.4111

Background



This preview shows how black text looks on a background with the Yxy color 56.8332, 0.4358, 0.4111.



This preview shows how white text looks on a background with the Yxy color 56.8332, 0.4358, 0.4111.

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

56.8332, 0.4358, 0.4111

Protanopia

57.0327, 0.3959, 0.4305

Deuteranopia

57.0595, 0.4271, 0.4186



Tritanopia

56.8185, 0.3703, 0.3166

Trichromacy



Original Color

56.8332, 0.4358, 0.4111

Protanomaly

56.6552, 0.4106, 0.4233

Deuteranomaly

57.1688, 0.4303, 0.4166

Tritanomaly

56.6218, 0.3962, 0.3525

Monochromacy



Original Color

56.8332, 0.4358, 0.4111

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.5720, 0.3556, 0.3634

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.8332, 0.4358, 0.4111 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(252, 186, 105)` looks like.

```
.text, #text, p{  
    color:rgb(252, 186, 105)  
}
```

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(252, 186, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 186, 105) }
```

Border

The CSS property to change the border of an element to Yxy 56.8332, 0.4358, 0.4111 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(252, 186, 105) }
```

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

```
.border{ border-color:rgb(252, 186, 105) }
```

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

Here you see how a box with a 4 pixel rgb(252, 186, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 186, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 186, 105);  
box-shadow:4px 4px 4px 4px rgb(252, 186,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 56.8332, 0.4358, 0.4111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 186, 105) }
```

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

```
.background{ background-color: rgb(252,  
186, 105) }
```

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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