

Converting Colors

$Yxy(56.8390, 0.4209, 0.3843)$

Have a look what the booklet for
Yxy(56.8390, 0.4209, 0.3843)
contains.

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Color

Yxy(56.7387, 0.4210, 0.3841)

Conversions

Conversions Part 1

Format	Color
Hex	FFB782
RGB	255, 183, 130
RGB Percent	100%, 72%, 51%
CMY	0.0002, 0.2822, 0.4902
CMYK	0.00, 0.28, 0.49, 0.00
HSL	25°, 100%, 75%
HSV	25°, 49%, 100%
XYZ	62.1895, 56.7387, 28.7903
YIQ	198.4860, 59.9250, -1.2190

Conversions

Conversions Part 2

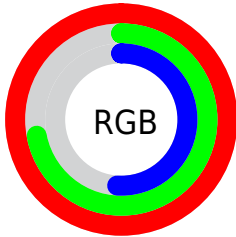
Format	Color
R _Y B	255, 222, 130
Decimal	16758658
CIE Lab	80.03, 20.14, 37.20
CIE LCh	80, 42.306, 61.571
Yxy	56.7387, 0.4210, 0.3841
Android (android.graphics.Color)	4294948738 (0xFFFFB782)
YUV	198.4860, -33.7636, 49.5628
Hunter-Lab	75.3251, 15.5533, 30.0661

Details

The Yxy color **56.7387, 0.4210, 0.3841** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **54.1649, 0.2359, 0.2642**, and the grayscale version is **56.9660, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.4537, 0.3589, 0.3843**, and **28.1466, 0.4471, 0.3941** is the 20% darker color. If you saturate the color by 10%, you get **50.3969, 0.4512, 0.3934**, and if you desaturate by 10%, it is **63.8868, 0.3931, 0.3732**.

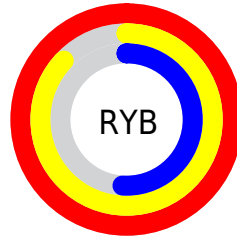
Distribution



Red (100%)

Green (72%)

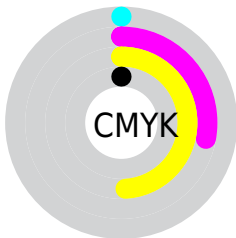
Blue (51%)



Red (100%)

Yellow (87%)

Blue (51%)

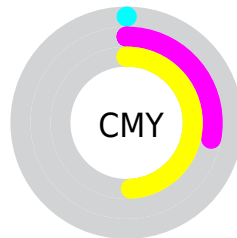


Cyan (0%)

Magenta (28%)

Yellow (49%)

Black (0%)



Cyan (0%)


Magenta (28%)


Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.7387, 0.4210, 0.3841 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 56.7387, 0.4210, 0.3841 by changing the saturation by 10% instead.


 56.7387, 0.4210,
0.3841

 56.7387, 0.4210,
0.3841


412.4695, 0.3688,
0.3602


 40.7955, 0.4331,
0.3888


 100.0838, 0.4027,
0.3763

 28.1593, 0.4481,
0.3942


 128.2545, 0.3956,
0.3731

 18.4458, 0.4669,
0.4001


 161.2698, 0.3895,
0.3703

 11.2705, 0.4910,
0.4062

199.5141, 0.3843,
0.3678

 6.2491, 0.5220,
0.4109

243.3719, 0.3797,
0.3656

 2.9971, 0.5781,
0.4219

293.2274, 0.3756,

 1.1302, 0.6093,

0.3636

349.4651, 0.3720,
0.3618

0.3907

0.0036, 0.9928,
0.0072

0.0000, 0.0000,
0.0000

56.7387, 0.4210,
0.3841

56.7387, 0.4210,
0.3841

50.3969, 0.4512,
0.3934

63.8868, 0.3931,
0.3732

44.8212, 0.4827,
0.3996

71.8628, 0.3682,
0.3615

39.9795, 0.5135,
0.4016

80.6976, 0.3464,
0.3498

35.8332, 0.5411,
0.3983

90.4179, 0.3275,
0.3386

■ 32.3343, 0.5638,
0.3898

99.9910, 0.3127,
0.3290

■ 32.0198, 0.5660,
0.3888

Harmonies

Analogous

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



56.7387, 0.4169, 0.3414



56.7387, 0.4210, 0.3841



56.7387, 0.3940, 0.4181

Triad

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



56.7387, 0.4210, 0.3841



56.7387, 0.2457, 0.3572



56.7387, 0.2726, 0.2453

Complementary

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



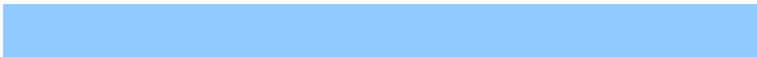
56.7387, 0.4210, 0.3841



54.1649, 0.2359, 0.2642

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.



56.7387, 0.2330, 0.2431



56.7387, 0.4210, 0.3841



56.7387, 0.2185, 0.3021

Square

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



56.7387, 0.4210, 0.3841



56.7387, 0.2919, 0.4074



56.7387, 0.2143, 0.2619



56.7387, 0.3267, 0.2655

Rectangle

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



56.7387, 0.4210, 0.3841



56.7387, 0.3637, 0.4292



56.7387, 0.2143, 0.2619



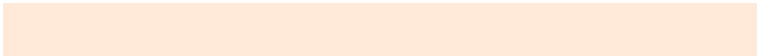
56.7387, 0.2573, 0.2424

Sweetspot

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



56.7415, 0.4210, 0.3841



84.5255, 0.3385, 0.3453



41.5211, 0.3684, 0.2551



17.6615, 0.3426, 0.3477



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.



56.7415, 0.4210, 0.3841



50.4253, 0.4512, 0.3933



87.8890, 0.3895, 0.4402



19.2544, 0.3284, 0.3391



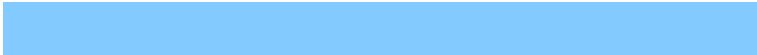
17.0190, 0.5631, 0.3911



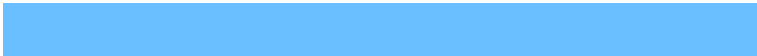
1.8681, 0.5429, 0.4071

Inverse Universe

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



54.1649, 0.2359, 0.2642



47.5215, 0.2218, 0.2481



30.8378, 0.2208, 0.1856



19.1141, 0.2979, 0.3187



14.9417, 0.1843, 0.1834



1.6715, 0.1893, 0.2015

Previews

White Background



This preview shows how the Yxy color 56.7387, 0.4210, 0.3841 looks on a white background.

Color Contrast Check

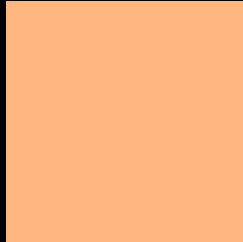
Large Text (above 18pt) WCAG AA × Fail

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 56.7387, 0.4210, 0.3841 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

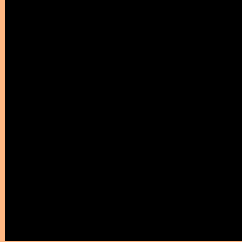
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.7387, 0.4210, 0.3841

Background



This preview shows how black text looks on a background with the Yxy color 56.7387, 0.4210, 0.3841.



This preview shows how white text looks on a background with the Yxy color 56.7387, 0.4210, 0.3841.

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

56.7387, 0.4210, 0.3841

Protanopia

57.0715, 0.3738, 0.4034

Deuteranopia

56.7626, 0.4043, 0.3958



Tritanopia

56.8185, 0.3703, 0.3166

Trichromacy



Original Color

56.7387, 0.4210, 0.3841

Protanomaly

56.6842, 0.3910, 0.3957

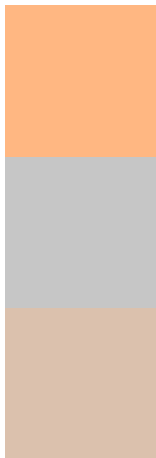
Deuteranomaly

56.5381, 0.4111, 0.3913

Tritanomaly

56.7297, 0.3895, 0.3419

Monochromacy



Original Color

56.7387, 0.4210, 0.3841

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.2171, 0.3500, 0.3525

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.7387, 0.4210, 0.3841 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(255, 183, 130)` looks like.

```
.text, #text, p{  
    color:rgb(255, 183, 130)  
}
```

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(255, 183, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 183, 130) }
```

Border

The CSS property to change the border of an element to Yxy 56.7387, 0.4210, 0.3841 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(255, 183, 130) }
```

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

```
.border{ border-color:rgb(255, 183, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 183, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 183, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 183, 130);  
box-shadow:4px 4px 4px 4px rgb(255, 183,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 56.7387, 0.4210, 0.3841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 183, 130) }
```

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

```
.background{ background-color: rgb(255,  
183, 130) }
```

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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