

Converting Colors

$Y_{xy}(56.0096, 0.4275, 0.3894)$

Have a look what the booklet for
Yxy(56.0096, 0.4275, 0.3894)
contains.

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Color

Yxy(56.1460, 0.4273, 0.3898)

Conversions

Conversions Part 1

Format	Color
Hex	FFB67B
RGB	255, 182, 123
RGB Percent	100%, 71%, 48%
CMY	0.0000, 0.2863, 0.5175
CMYK	0.00, 0.29, 0.52, 0.00
HSL	27°, 100%, 74%
HSV	27°, 52%, 100%
XYZ	61.5474, 56.1460, 26.3445
YIQ	197.1010, 62.4470, -2.8730

Conversions

Conversions Part 2

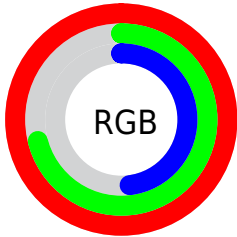
Format	Color
R _Y B	255, 230, 123
Decimal	16758395
CIE Lab	79.70, 20.09, 40.37
CIE LCh	80, 45.091, 63.545
Yxy	56.1460, 0.4273, 0.3898
Android (android.graphics.Color)	4294948475 (0xFFFFB67B)
YUV	197.1010, -36.5318, 50.7774
Hunter-Lab	74.9306, 15.4899, 31.6059

Details

The Yxy color **56.1460, 0.4273, 0.3898** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **50.9312, 0.2311, 0.2560**, and the grayscale version is **56.0977, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.5437, 0.3644, 0.3914**, and **27.7837, 0.4551, 0.4007** is the 20% darker color. If you saturate the color by 10%, you get **50.0993, 0.4571, 0.3989**, and if you desaturate by 10%, it is **62.9433, 0.3994, 0.3787**.

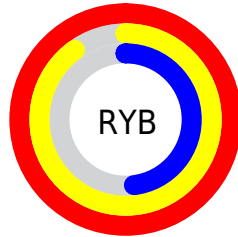
Distribution



Red (100%)

Green (71%)

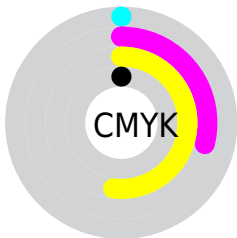
Blue (48%)



Red (100%)

Yellow (90%)

Blue (48%)

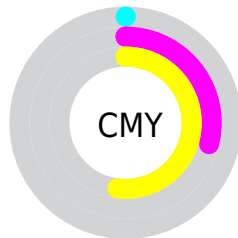


Cyan (0%)

Magenta (29%)

Yellow (52%)

Black (0%)



Cyan (0%)


Magenta (29%)

Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.1460, 0.4273, 0.3898 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 56.1460, 0.4273, 0.3898 by changing the saturation by 10% instead.


 56.1460, 0.4273,
0.3898

 56.1460, 0.4273,
0.3898


410.2415, 0.3722,
0.3636


 40.3200, 0.4400,
0.3949

 99.2180, 0.4080,
0.3813

 27.7881, 0.4556,
0.4007


 127.2328, 0.4005,
0.3778

 18.1660, 0.4750,
0.4069


 160.0793, 0.3941,
0.3747

 11.0692, 0.4995,
0.4130

198.1419, 0.3886,
0.3720

 6.1134, 0.5309,
0.4174

241.8051, 0.3837,
0.3695

 2.9142, 0.5787,
0.4213

291.4531, 0.3794,

 1.0871, 0.6104,

0.3673

347.4705, 0.3756,
0.3654

0.3896

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.1460, 0.4273,
0.3898

56.1460, 0.4273,
0.3898

50.0993, 0.4571,
0.3989

62.9433, 0.3994,
0.3787

44.7696, 0.4875,
0.4047

70.5161, 0.3742,
0.3665

40.1247, 0.5165,
0.4057

78.8919, 0.3518,
0.3542

36.1275, 0.5419,
0.4013

88.0958, 0.3323,
0.3423

33.2802, 0.5594,
0.3940

98.1517, 0.3154,
0.3309

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



56.1460, 0.4256, 0.3447



56.1460, 0.4273, 0.3898



56.1460, 0.3963, 0.4255

Triad

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



56.1460, 0.4273, 0.3898



56.1460, 0.2386, 0.3550



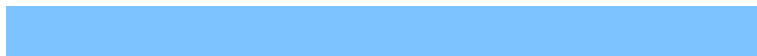
56.1460, 0.2732, 0.2411

Complementary

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



56.1460, 0.4273, 0.3898



50.9312, 0.2311, 0.2560

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.



56.1460, 0.2301, 0.2373



56.1460, 0.4273, 0.3898



56.1460, 0.2115, 0.2964

Square

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



56.1460, 0.4273, 0.3898



56.1460, 0.2865, 0.4106



56.1460, 0.2089, 0.2552



56.1460, 0.3315, 0.2635

Rectangle

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



56.1460, 0.4273, 0.3898



56.1460, 0.3631, 0.4367



56.1460, 0.2089, 0.2552



56.1460, 0.2567, 0.2375

Sweetspot

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



56.1471, 0.4273, 0.3898



84.0808, 0.3403, 0.3473



39.5045, 0.3753, 0.2535



17.5923, 0.3443, 0.3498



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.



56.1471, 0.4273, 0.3898



49.9571, 0.4578, 0.3991



88.7259, 0.3924, 0.4474



19.3232, 0.3283, 0.3397



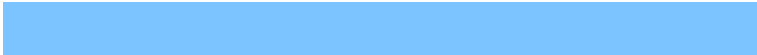
17.6772, 0.5566, 0.3962



1.9353, 0.5371, 0.4117

Inverse Universe

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



50.9312, 0.2311, 0.2560



44.1865, 0.2168, 0.2383



27.8921, 0.2146, 0.1738



19.0441, 0.2979, 0.3181



14.0391, 0.1821, 0.1755



1.5851, 0.1874, 0.1945

Previews

White Background



This preview shows how the Yxy color 56.1460, 0.4273, 0.3898 looks on a white background.

Color Contrast Check

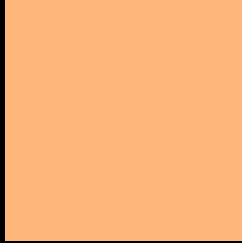
Large Text (above 18pt) WCAG AA × Fail

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 56.1460, 0.4273, 0.3898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

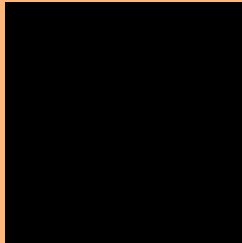
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.1460, 0.4273, 0.3898

Background



This preview shows how black text looks on a background with the Yxy color 56.1460, 0.4273, 0.3898.



This preview shows how white text looks on a background with the Yxy color 56.1460, 0.4273, 0.3898.

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

56.1460, 0.4273, 0.3898

Protanopia

56.4202, 0.3795, 0.4103

Deuteranopia

56.1511, 0.4102, 0.4020



Tritanopia

55.9415, 0.3726, 0.3166

Trichromacy



Original Color

56.1460, 0.4273, 0.3898

Protanomaly

56.0546, 0.3969, 0.4023

Deuteranomaly

55.9354, 0.4172, 0.3973

Tritanomaly

55.7811, 0.3938, 0.3440

Monochromacy



Original Color

56.1460, 0.4273, 0.3898

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.5070, 0.3518, 0.3550

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.1460, 0.4273, 0.3898 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, 182, 123)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 123)  
}
```

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, 182, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 123) }
```

Border

The CSS property to change the border of an element to Yxy 56.1460, 0.4273, 0.3898 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, 182, 123) }
```

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

```
.border{ border-color:rgb(255, 182, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 182, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 182, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 182, 123);  
box-shadow:4px 4px 4px 4px rgb(255, 182,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 56.1460, 0.4273, 0.3898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 182, 123) }
```

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

```
.background{ background-color: rgb(255,  
182, 123) }
```

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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