

Converting Colors

$Yxy(63.0297, 0.4467, 0.3720)$

Have a look what the booklet for
Yxy(63.0297, 0.4467, 0.3720)
contains.

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Color

Yxy(56.0290, 0.4188, 0.3781)

Conversions

Conversions Part 1

Format	Color
Hex	FFB586
RGB	255, 181, 134
RGB Percent	100%, 71%, 53%
CMY	0.0001, 0.2901, 0.4745
CMYK	0.00, 0.29, 0.47, 0.00
HSL	23°, 100%, 76%
HSV	23°, 47%, 100%
XYZ	62.0602, 56.0290, 30.0965
YIQ	197.7680, 59.1910, 1.0710

Conversions

Conversions Part 2

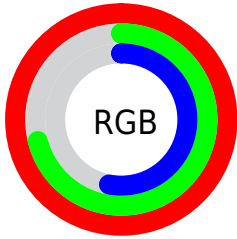
Format	Color
R _Y B	255, 211, 134
Decimal	16758150
CIE Lab	79.63, 21.57, 34.60
CIE LCh	80, 40.773, 58.056
Yxy	56.0290, 0.4188, 0.3781
Android (android.graphics.Color)	4294948230 (0xFFFFB586)
YUV	197.7680, -31.4376, 50.1925
Hunter-Lab	74.8525, 17.0023, 28.5576

Details

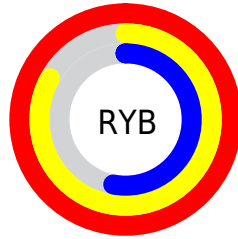
The Yxy color **56.0290, 0.4188, 0.3781** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **57.3763, 0.2392, 0.2722**, and the grayscale version is **56.4924, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.4592, 0.3568, 0.3783**, and **27.8142, 0.4458, 0.3865** is the 20% darker color. If you saturate the color by 10%, you get **49.4148, 0.4501, 0.3868**, and if you desaturate by 10%, it is **63.5295, 0.3904, 0.3679**.

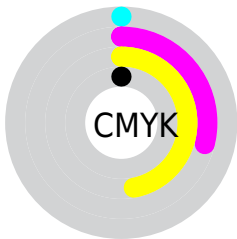
Distribution



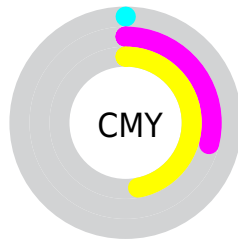
- Red (100%)
- Green (71%)
- Blue (53%)



- Red (100%)
- Yellow (83%)
- Blue (53%)



- Cyan (0%)
- Magenta (29%)
- Yellow (47%)
- Black (0%)





- Cyan (0%)
- Magenta (29%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.0290, 0.4188, 0.3781 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 56.0290, 0.4188, 0.3781 by changing the saturation by 10% instead.

 56.0290, 0.4188,
0.3781


 56.0290, 0.4188,
0.3781


409.8008, 0.3674,
0.3569

 40.2262, 0.4309,
0.3823


 99.0470, 0.4006,
0.3712

 27.7149, 0.4458,
0.3870


 127.0309, 0.3937,
0.3684

 18.1109, 0.4648,
0.3923


 159.8440, 0.3877,
0.3659

 11.0296, 0.4893,
0.3976

197.8707, 0.3825,
0.3637

 6.0868, 0.5215,
0.4016

241.4953, 0.3780,
0.3617

 2.8979, 0.5850,
0.4150

291.1022, 0.3741,

 1.0787, 0.6188,

0.3599

0.3812

347.0759, 0.3705,
0.3583

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.0290, 0.4188,
0.3781

56.0290, 0.4188,
0.3781

49.4148, 0.4501,
0.3868

63.5295, 0.3904,
0.3679

43.6427, 0.4831,
0.3928

71.9414, 0.3653,
0.3572

38.6769, 0.5160,
0.3948

81.2991, 0.3435,
0.3465

34.4746, 0.5459,
0.3917

91.6324, 0.3248,
0.3362

■ 30.9863, 0.5705,
0.3833

99.9954, 0.3127,
0.3290

■ 30.1983, 0.5762,
0.3807

Harmonies

Analogous

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



56.0290, 0.4109, 0.3363



56.0290, 0.4188, 0.3781



56.0290, 0.3960, 0.4124

Triad

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



56.0290, 0.4188, 0.3781



56.0290, 0.2523, 0.3627



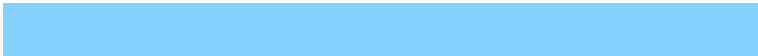
56.0290, 0.2685, 0.2464

Complementary

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



56.0290, 0.4188, 0.3781



57.3763, 0.2392, 0.2722

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.



56.0290, 0.2322, 0.2467



56.0290, 0.4188, 0.3781



56.0290, 0.2232, 0.3089

Square

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



56.0290, 0.4188, 0.3781



56.0290, 0.2988, 0.4089



56.0290, 0.2165, 0.2676



56.0290, 0.3198, 0.2642

Rectangle

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



56.0290, 0.4188, 0.3781



56.0290, 0.3679, 0.4250



56.0290, 0.2165, 0.2676



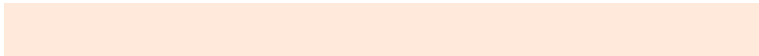
56.0290, 0.2543, 0.2444

Sweetspot

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



56.0317, 0.4188, 0.3781



84.7676, 0.3368, 0.3429



42.8886, 0.3618, 0.2535



17.6785, 0.3410, 0.3451



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.



56.0317, 0.4188, 0.3781



49.7028, 0.4486, 0.3865



85.8052, 0.3890, 0.4338



19.1448, 0.3285, 0.3383



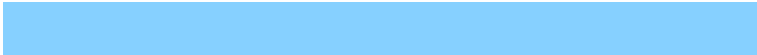
16.0510, 0.5732, 0.3831



1.7674, 0.5522, 0.3998

Inverse Universe

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



57.3763, 0.2392, 0.2722



51.1328, 0.2260, 0.2582



33.5014, 0.2250, 0.1959



19.2264, 0.2979, 0.3195



16.4758, 0.1878, 0.1960



1.8165, 0.1925, 0.2128

Previews

White Background



This preview shows how the Yxy color 56.0290, 0.4188, 0.3781 looks on a white background.

Color Contrast Check

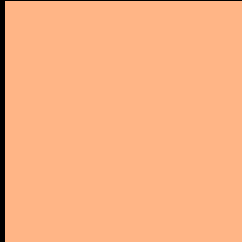
Large Text (above 18pt) WCAG AA × Fail

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 56.0290, 0.4188, 0.3781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

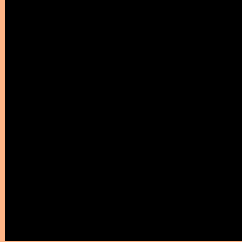
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.0290, 0.4188, 0.3781

Background



This preview shows how black text looks on a background with the Yxy color 56.0290, 0.4188, 0.3781.



This preview shows how white text looks on a background with the Yxy color 56.0290, 0.4188, 0.3781.

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

56.0290, 0.4188, 0.3781

Protanopia

56.4574, 0.3687, 0.3969

Deuteranopia

56.0657, 0.4007, 0.3921



Tritanopia

55.9415, 0.3726, 0.3166

Trichromacy



Original Color

56.0290, 0.4188, 0.3781

Protanomaly

56.0282, 0.3866, 0.3907

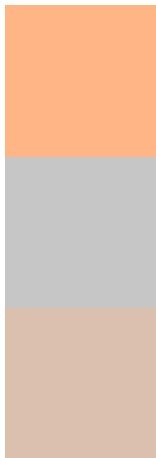
Deuteranomaly

56.0444, 0.4075, 0.3864

Tritanomaly

55.9279, 0.3902, 0.3398

Monochromacy



Original Color

56.0290, 0.4188, 0.3781

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.8545, 0.3486, 0.3490

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.0290, 0.4188, 0.3781 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, 181, 134)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 134)  
}
```

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, 181, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 134) }
```

Border

The CSS property to change the border of an element to Yxy 56.0290, 0.4188, 0.3781 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, 181, 134) }
```

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

```
.border{ border-color:rgb(255, 181, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 181, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 134);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 56.0290, 0.4188, 0.3781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 181, 134) }
```

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

```
.background{ background-color: rgb(255,  
181, 134) }
```

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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