

Converting Colors

$Yxy(67.1385, 0.4662, 0.3622)$

Have a look what the booklet for
Yxy(67.1385, 0.4662, 0.3622)
contains.

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Color

Yxy(54.0882, 0.4198, 0.3710)

Conversions

Conversions Part 1

Format	Color
Hex	FFB088
RGB	255, 176, 136
RGB Percent	100%, 69%, 53%
CMY	0.0001, 0.3097, 0.4667
CMYK	0.00, 0.31, 0.47, 0.00
HSL	20°, 100%, 77%
HSV	20°, 47%, 100%
XYZ	61.2028, 54.0882, 30.4993
YIQ	195.0610, 59.9240, 4.3080

Conversions

Conversions Part 2

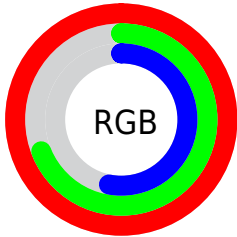
Format	Color
R _Y B	255, 196, 136
Decimal	16756872
CIE Lab	78.51, 24.38, 32.09
CIE LCh	79, 40.304, 52.777
Yxy	54.0882, 0.4198, 0.3710
Android (android.graphics.Color)	4294946952 (0xFFFFB088)
YUV	195.0610, -29.1171, 52.5665
Hunter-Lab	73.5447, 19.8418, 26.8934

Details

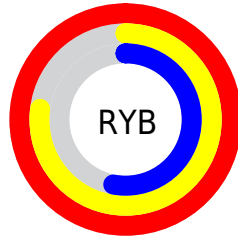
The Yxy color **54.0882, 0.4198, 0.3710** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **61.0238, 0.2417, 0.2811**, and the grayscale version is **54.7621, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.6909, 0.3567, 0.3715**, and **26.4399, 0.4469, 0.3779** is the 20% darker color. If you saturate the color by 10%, you get **47.2226, 0.4529, 0.3786**, and if you desaturate by 10%, it is **61.9585, 0.3902, 0.3621**.

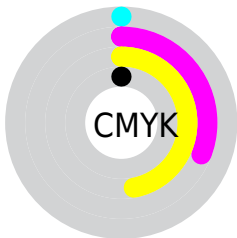
Distribution



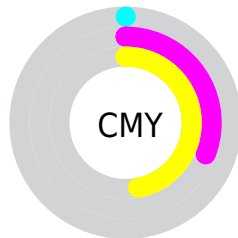
- Red (100%)
- Green (69%)
- Blue (53%)



- Red (100%)
- Yellow (77%)
- Blue (53%)



- Cyan (0%)
- Magenta (31%)
- Yellow (47%)
- Black (0%)





- Cyan (0%)
- Magenta (31%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.0882, 0.4198, 0.3710 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 54.0882, 0.4198, 0.3710 by changing the saturation by 10% instead.

 54.0882, 0.4198,
0.3710

 54.0882, 0.4198,
0.3710

402.4463, 0.3674,
0.3531


 38.6722, 0.4323,
0.3745

 96.2037, 0.4012,
0.3652

 26.5048, 0.4478,
0.3783


 123.6720, 0.3941,
0.3629

 17.2017, 0.4677,
0.3824


 155.9266, 0.3880,
0.3608

 10.3784, 0.4937,
0.3862

193.3517, 0.3827,
0.3589

 5.6505, 0.5284,
0.3883

236.3318, 0.3782,
0.3572

 2.6338, 0.5998,
0.4002

285.2514, 0.3742,

 0.9437, 0.6392,

0.3557

0.3608

340.4947, 0.3706,
0.3543

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.0882, 0.4198,
0.3710

54.0882, 0.4198,
0.3710

47.2226, 0.4529,
0.3786

61.9585, 0.3902,
0.3621

41.3111, 0.4882,
0.3837

70.8654, 0.3644,
0.3527

36.3101, 0.5238,
0.3850

80.8494, 0.3423,
0.3435

32.1686, 0.5563,
0.3814

91.9458, 0.3236,
0.3346

■ 28.8291, 0.5827,
0.3729

99.9962, 0.3127,
0.3290

■ 27.8777, 0.5903,
0.3695

Harmonies

Analogous

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



54.0882, 0.4062, 0.3289



54.0882, 0.4198, 0.3710



54.0882, 0.4019, 0.4075

Triad

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



54.0882, 0.4198, 0.3710



54.0882, 0.2594, 0.3721



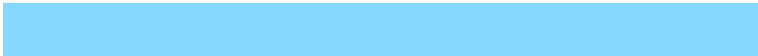
54.0882, 0.2607, 0.2451

Complementary

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



54.0882, 0.4198, 0.3710



61.0238, 0.2417, 0.2811

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.



54.0882, 0.2278, 0.2488



54.0882, 0.4198, 0.3710



54.0882, 0.2268, 0.3179

Square

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



54.0882, 0.4198, 0.3710



54.0882, 0.3080, 0.4145



54.0882, 0.2160, 0.2734



54.0882, 0.3101, 0.2599

Rectangle

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



54.0882, 0.4198, 0.3710



54.0882, 0.3761, 0.4228



54.0882, 0.2160, 0.2734



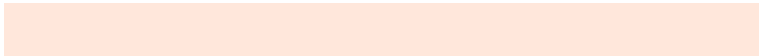
54.0882, 0.2476, 0.2441

Sweetspot

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



54.0909, 0.4198, 0.3710



83.7164, 0.3370, 0.3410



43.7818, 0.3546, 0.2491



17.4239, 0.3413, 0.3430



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.



54.0909, 0.4198, 0.3710



47.6606, 0.4506, 0.3781



82.5342, 0.3904, 0.4272



18.9857, 0.3286, 0.3371



14.8146, 0.5874, 0.3718



1.6346, 0.5654, 0.3892

Inverse Universe

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



61.0238, 0.2417, 0.2811



55.2822, 0.2294, 0.2695



36.1661, 0.2280, 0.2059



19.3915, 0.2980, 0.3208



18.9269, 0.1930, 0.2148



2.0447, 0.1970, 0.2293

Previews

White Background



This preview shows how the Yxy color 54.0882, 0.4198, 0.3710 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 54.0882, 0.4198, 0.3710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

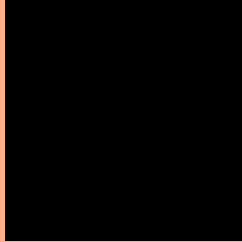
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.0882, 0.4198, 0.3710

Background



This preview shows how black text looks on a background with the Yxy color 54.0882, 0.4198, 0.3710.



This preview shows how white text looks on a background with the Yxy color 54.0882, 0.4198, 0.3710.

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

54.0882, 0.4198, 0.3710

Protanopia

54.1525, 0.3643, 0.3897

Deuteranopia

53.9948, 0.3961, 0.3879



Tritanopia

54.1839, 0.3784, 0.3176

Trichromacy



Original Color

54.0882, 0.4198, 0.3710

Protanomaly

53.6325, 0.3845, 0.3823

Deuteranomaly

53.7304, 0.4044, 0.3809

Tritanomaly

53.9003, 0.3939, 0.3366

Monochromacy



Original Color

54.0882, 0.4198, 0.3710

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

53.7741, 0.3486, 0.3456

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0882, 0.4198, 0.3710 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, 176, 136)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 136)  
}
```

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, 176, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 136) }
```

Border

The CSS property to change the border of an element to Yxy 54.0882, 0.4198, 0.3710 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, 176, 136) }
```

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

```
.border{ border-color:rgb(255, 176, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 176, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 176, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 176, 136);  
box-shadow:4px 4px 4px 4px rgb(255, 176,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0882, 0.4198, 0.3710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 176, 136) }
```

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

```
.background{ background-color: rgb(255,  
176, 136) }
```

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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