

Converting Colors

$Yxy(62.4385, 0.4631, 0.3778)$

Have a look what the booklet for
Yxy(62.4385, 0.4631, 0.3778)
contains.

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Color

Yxy(54.1094, 0.4312, 0.3858)

Conversions

Conversions Part 1

Format	Color
Hex	FFB17A
RGB	255, 177, 122
RGB Percent	100%, 69%, 48%
CMY	0.0000, 0.3059, 0.5216
CMYK	0.00, 0.31, 0.52, 0.00
HSL	25°, 100%, 74%
HSV	25°, 52%, 100%
XYZ	60.4769, 54.1094, 25.6662
YIQ	194.0520, 64.1430, -0.5690

Conversions

Conversions Part 2

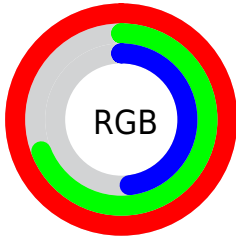
Format	Color
R _Y B	255, 216, 122
Decimal	16757114
CIE Lab	78.53, 22.61, 39.43
CIE LCh	79, 45.453, 60.164
Yxy	54.1094, 0.4312, 0.3858
Android (android.graphics.Color)	4294947194 (0xFFFFB17A)
YUV	194.0520, -35.5216, 53.4514
Hunter-Lab	73.5591, 18.0260, 30.8039

Details

The Yxy color **54.1094, 0.4312, 0.3858** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **52.6609, 0.2317, 0.2611**, and the grayscale version is **54.1668, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.6330, 0.3665, 0.3877**, and **26.4853, 0.4611, 0.3954** is the 20% darker color. If you saturate the color by 10%, you get **47.9718, 0.4624, 0.3940**, and if you desaturate by 10%, it is **61.0624, 0.4021, 0.3755**.

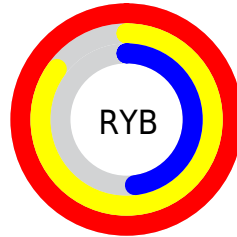
Distribution



Red (100%)

Green (69%)

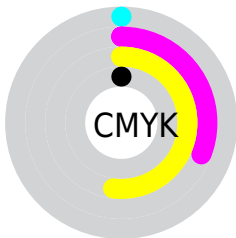
Blue (48%)



Red (100%)

Yellow (85%)

Blue (48%)

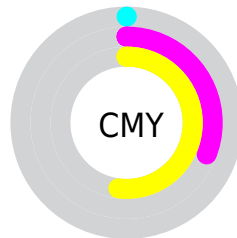


Cyan (0%)

Magenta (31%)

Yellow (52%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.1094, 0.4312, 0.3858 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 54.1094, 0.4312, 0.3858 by changing the saturation by 10% instead.


 54.1094, 0.4312,
0.3858


 54.1094, 0.4312,
0.3858


402.5270, 0.3738,
0.3615


 38.6891, 0.4446,
0.3904

 96.2349, 0.4110,
0.3780

 26.5180, 0.4611,
0.3955


 123.7088, 0.4032,
0.3748

 17.2115, 0.4817,
0.4009


 155.9695, 0.3965,
0.3719

 10.3854, 0.5079,
0.4057

193.4013, 0.3907,
0.3694

 5.6553, 0.5423,
0.4085

236.3885, 0.3857,
0.3671

 2.6366, 0.5923,
0.4077

285.3156, 0.3812,

 0.9451, 0.6297,

0.3651

0.3703

340.5670, 0.3773,
0.3632

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.1094, 0.4312,
0.3858

54.1094, 0.4312,
0.3858

47.9718, 0.4624,
0.3940

61.0624, 0.4021,
0.3755

42.6122, 0.4944,
0.3988

68.8590, 0.3760,
0.3643

37.9946, 0.5250,
0.3990

77.5302, 0.3531,
0.3529

34.0772, 0.5517,
0.3937

87.1040, 0.3332,
0.3417

■ 31.4582, 0.5691,
0.3863

■ 97.6072, 0.3161,
0.3312

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.



54.1094, 0.4254, 0.3395



54.1094, 0.4312, 0.3858



54.1094, 0.4027, 0.4241

Triad

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



54.1094, 0.4312, 0.3858



54.1094, 0.2417, 0.3626



54.1094, 0.2665, 0.2380

Complementary

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



54.1094, 0.4312, 0.3858



52.6609, 0.2317, 0.2611

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.



54.1094, 0.2250, 0.2365



54.1094, 0.4312, 0.3858



54.1094, 0.2115, 0.3017

Square

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



54.1094, 0.4312, 0.3858



54.1094, 0.2923, 0.4174



54.1094, 0.2061, 0.2573



54.1094, 0.3247, 0.2589

Rectangle

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



54.1094, 0.4312, 0.3858



54.1094, 0.3701, 0.4380



54.1094, 0.2061, 0.2573



54.1094, 0.2503, 0.2352

Sweetspot

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



54.1105, 0.4312, 0.3858



83.3188, 0.3405, 0.3460



39.4320, 0.3711, 0.2487



17.4113, 0.3446, 0.3483



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.



54.1105, 0.4312, 0.3858



47.4919, 0.4651, 0.3946



85.9904, 0.3951, 0.4447



19.2211, 0.3284, 0.3389



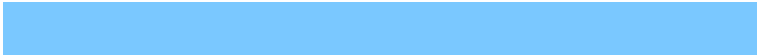
16.7150, 0.5662, 0.3886



1.8367, 0.5457, 0.4049

Inverse Universe

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



52.6609, 0.2317, 0.2611



45.8231, 0.2171, 0.2438



28.7671, 0.2149, 0.1777



19.1481, 0.2979, 0.3189



15.3943, 0.1853, 0.1872



1.7145, 0.1903, 0.2049

Previews

White Background



This preview shows how the Yxy color 54.1094, 0.4312, 0.3858 looks on a white background.

Color Contrast Check

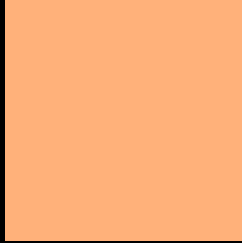
Large Text (above 18pt) WCAG AA × Fail

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 54.1094, 0.4312, 0.3858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

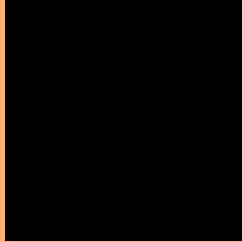
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.1094, 0.4312, 0.3858

Background



This preview shows how black text looks on a background with the Yxy color 54.1094, 0.4312, 0.3858.



This preview shows how white text looks on a background with the Yxy color 54.1094, 0.4312, 0.3858.

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

54.1094, 0.4312, 0.3858

Protanopia

54.4641, 0.3773, 0.4082

Deuteranopia

54.1360, 0.4100, 0.4020



Tritanopia

54.1839, 0.3784, 0.3176

Trichromacy



Original Color

54.1094, 0.4312, 0.3858

Protanomaly

53.8037, 0.3971, 0.3999

Deuteranomaly

54.1247, 0.4171, 0.3961

Tritanomaly

54.1053, 0.3981, 0.3429

Monochromacy



Original Color

54.1094, 0.4312, 0.3858

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.3925, 0.3527, 0.3529

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.1094, 0.4312, 0.3858 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, 177, 122)` looks like.

```
.text, #text, p{  
    color:rgb(255, 177, 122)  
}
```

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, 177, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 177, 122) }
```

Border

The CSS property to change the border of an element to Yxy 54.1094, 0.4312, 0.3858 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, 177, 122) }
```

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

```
.border{ border-color:rgb(255, 177, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 177, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 177, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 177, 122);  
box-shadow:4px 4px 4px 4px rgb(255, 177,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 54.1094, 0.4312, 0.3858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 177, 122) }
```

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

```
.background{ background-color: rgb(255,  
177, 122) }
```

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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