

Converting Colors

Yxy(38.8113, 0.4780, 0.3566)

Have a look what the booklet for
Yxy(38.8113, 0.4780, 0.3566)
contains.

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Color

Yxy(38.7824, 0.4777, 0.3560)

Conversions

Conversions Part 1

Format	Color
Hex	FF8469
RGB	255, 132, 105
RGB Percent	100%, 52%, 41%
CMY	0.0000, 0.4823, 0.5881
CMYK	0.00, 0.48, 0.59, 0.00
HSL	11°, 100%, 71%
HSV	11°, 59%, 100%
XYZ	52.0403, 38.7824, 18.1166
YIQ	165.6990, 81.9750, 17.6790

Conversions

Conversions Part 2

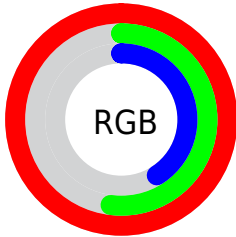
Format	Color
R _Y B	255, 138, 105
Decimal	16745577
CIE Lab	68.59, 44.42, 35.85
CIE LCh	69, 57.079, 38.906
Yxy	38.7824, 0.4777, 0.3560
Android (android.graphics.Color)	4294935657 (0xFFFF8469)
YUV	165.6990, -29.9246, 78.3170
Hunter-Lab	62.2755, 40.1807, 26.3448

Details

The Yxy color **38.7824, 0.4777, 0.3560** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **65.7205, 0.2326, 0.2962**, and the grayscale version is **38.1009, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.2350, 0.3964, 0.3607**, and **17.2248, 0.5252, 0.3544** is the 20% darker color. If you saturate the color by 10%, you get **33.2211, 0.5203, 0.3574**, and if you desaturate by 10%, it is **45.6417, 0.4379, 0.3526**.

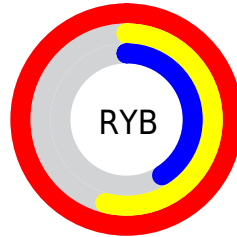
Distribution



Red (100%)

Green (52%)

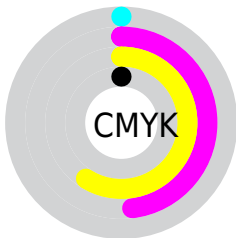
Blue (41%)



Red (100%)

Yellow (54%)

Blue (41%)

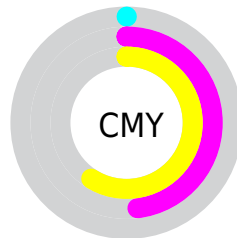


Cyan (0%)

Magenta (48%)

Yellow (59%)

Black (0%)



Cyan (0%)


Magenta (48%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.7824, 0.4777, 0.3560 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 38.7824, 0.4777, 0.3560 by changing the saturation by 10% instead.


 38.7824, 0.4777,
0.3560


 38.7824, 0.4777,
0.3560


340.9645, 0.3929,
0.3480


 26.5905, 0.4987,
0.3559


 73.3058, 0.4468,
0.3546

 17.2659, 0.5252,
0.3544


 96.4060, 0.4352,
0.3536

 10.4243, 0.5592,
0.3502


 123.9112, 0.4254,
0.3526

 5.6812, 0.6034,
0.3403

 156.2057, 0.4170,
0.3516

 2.6522, 0.6751,
0.3249

193.6738, 0.4097,
0.3506

 0.9530, 0.7309,
0.2691

236.7001, 0.4034,

 0.0000, 1.0000,

0.3497

0.0000

285.6688, 0.3978,
0.3489

■ 0.0000, 0.0000,
0.0000

■ 38.7824, 0.4777,
0.3560

■ 38.7824, 0.4777,
0.3560

■ 33.2211, 0.5203,
0.3574

■ 45.6417, 0.4379,
0.3526

■ 28.8689, 0.5619,
0.3559

■ 53.8682, 0.4028,
0.3480

■ 25.6349, 0.5971,
0.3511

■ 63.5335, 0.3730,
0.3430

■ 23.4087, 0.6214,
0.3437

■ 74.7022, 0.3482,
0.3379

■ 23.2023, 0.6238,
0.3429

■ 87.4352, 0.3277,
0.3330

99.9984, 0.3127,
0.3290

Harmonies

Analogous

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



38.7824, 0.4347, 0.2971



38.7824, 0.4777, 0.3560



38.7824, 0.4670, 0.4168

Triad

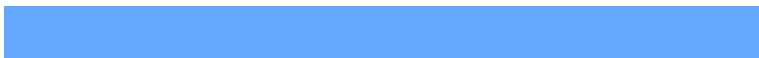
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



38.7824, 0.4777, 0.3560



38.7824, 0.2593, 0.4381



38.7824, 0.2074, 0.2031

Complementary

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



38.7824, 0.4777, 0.3560



65.7205, 0.2326, 0.2962

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.



38.7824, 0.1748, 0.2189



38.7824, 0.4777, 0.3560



38.7824, 0.1998, 0.3481

Square

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



38.7824, 0.4777, 0.3560



38.7824, 0.3378, 0.4847



38.7824, 0.1717, 0.2667



38.7824, 0.2693, 0.2138

Rectangle

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



38.7824, 0.4777, 0.3560



38.7824, 0.4350, 0.4536



38.7824, 0.1717, 0.2667



38.7824, 0.1933, 0.2052

Sweetspot

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



38.7845, 0.4777, 0.3560



75.6783, 0.3463, 0.3375



37.0818, 0.3432, 0.2101



15.4608, 0.3530, 0.3389



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.



38.7845, 0.4777, 0.3560



32.1691, 0.5297, 0.3574



65.9446, 0.4255, 0.4276



18.5153, 0.3290, 0.3333



12.2761, 0.6215, 0.3447



1.3319, 0.6017, 0.3604

Inverse Universe

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



65.7205, 0.2326, 0.2962



61.1457, 0.2220, 0.2882



33.6744, 0.2113, 0.1998



19.8928, 0.2980, 0.3246



27.8345, 0.2084, 0.2703



2.8486, 0.2105, 0.2777

Previews

White Background



This preview shows how the Yxy color 38.7824, 0.4777, 0.3560 looks on a white background.

Color Contrast Check

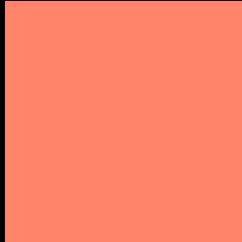
Large Text (above 18pt) WCAG AA × Fail

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 38.7824, 0.4777, 0.3560 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 38.7824, 0.4777, 0.3560

Background



This preview shows how black text looks on a background with the Yxy color 38.7824, 0.4777, 0.3560.



This preview shows how white text looks on a background with the Yxy color 38.7824, 0.4777, 0.3560.

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

38.7824, 0.4777, 0.3560

Protanopia

39.1609, 0.3689, 0.3970

Deuteranopia

38.8991, 0.4137, 0.4046



Tritanopia

38.7955, 0.4430, 0.3202

Trichromacy



Original Color

38.7824, 0.4777, 0.3560

Protanomaly

38.0675, 0.4079, 0.3808

Deuteranomaly

38.4600, 0.4379, 0.3850

Tritanomaly

38.7316, 0.4562, 0.3335

Monochromacy



Original Color

38.7824, 0.4777, 0.3560

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.1306, 0.3677, 0.3423

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.7824, 0.4777, 0.3560 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, 132, 105)` looks like.

```
.text, #text, p{  
    color:rgb(255, 132, 105)  
}
```

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, 132, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 132, 105) }
```

Border

The CSS property to change the border of an element to Yxy 38.7824, 0.4777, 0.3560 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, 132, 105) }
```

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

```
.border{ border-color:rgb(255, 132, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 132, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 132, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 132, 105);  
box-shadow:4px 4px 4px 4px rgb(255, 132,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 38.7824, 0.4777, 0.3560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 132, 105) }
```

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

```
.background{ background-color: rgb(255,  
132, 105) }
```

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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