

Converting Colors

$Y_{xy}(46.1064, 0.4704, 0.3535)$

Have a look what the booklet for
Yxy(46.1064, 0.4704, 0.3535)
contains.

Yxy(42.5384, 0.4550, 0.3549)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(42.5384, 0.4550, 0.3549)

Conversions

Conversions Part 1

Format	Color
Hex	FF9077
RGB	255, 144, 119
RGB Percent	100%, 56%, 47%
CMY	0.0001, 0.4352, 0.5334
CMYK	0.00, 0.44, 0.53, 0.00
HSL	11°, 100%, 73%
HSV	11°, 53%, 100%
XYZ	54.5364, 42.5384, 22.7854
YIQ	174.3390, 74.1810, 15.7570

Conversions

Conversions Part 2

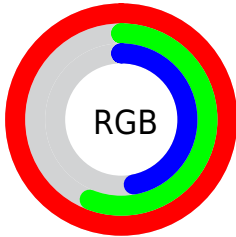
Format	Color
R_{YB}	255, 150, 119
Decimal	16748663
CIE _{Lab}	71.24, 39.45, 31.68
CIE _{LCh}	71, 50.589, 38.765
Yxy	42.5384, 0.4550, 0.3549
Android (android.graphics.Color)	4294938743 (0xFFFF9077)
YUV	174.3390, -27.2821, 70.7397
Hunter-Lab	65.2215, 35.1193, 24.9418

Details

The Yxy color **42.5384, 0.4550, 0.3549** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **67.7027, 0.2382, 0.2990**, and the grayscale version is **42.6273, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.0471, 0.3802, 0.3584**, and **19.3937, 0.4963, 0.3552** is the 20% darker color. If you saturate the color by 10%, you get **36.2748, 0.4963, 0.3576**, and if you desaturate by 10%, it is **50.1319, 0.4178, 0.3506**.

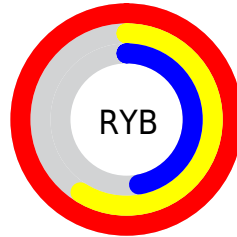
Distribution



Red (100%)

Green (56%)

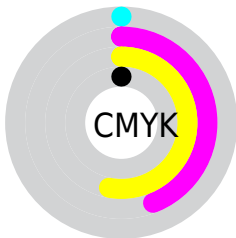
Blue (47%)



Red (100%)

Yellow (59%)

Blue (47%)

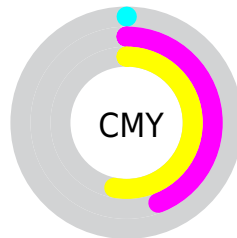


Cyan (0%)

Magenta (44%)

Yellow (53%)

Black (0%)



Cyan (0%)


Magenta (44%)

Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.5384, 0.4550, 0.3549 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 42.5384, 0.4550, 0.3549 by changing the saturation by 10% instead.


 42.5384, 0.4550,
0.3549

 42.5384, 0.4550,
0.3549


356.7100, 0.3826,
0.3461


 29.5231, 0.4729,
0.3556


 79.0138, 0.4287,
0.3528

 19.4769, 0.4957,
0.3557


 103.2427, 0.4188,
0.3516

 12.0154, 0.5252,
0.3541


 131.9783, 0.4104,
0.3505

 6.7542, 0.5643,
0.3490

165.6050, 0.4032,
0.3495

 3.3088, 0.6246,
0.3399

204.5071, 0.3970,
0.3486

 1.2950, 0.6938,
0.3062

249.0690, 0.3916,

 0.1373, 0.8907,

0.3477

0.1093

299.6752, 0.3868,
0.3468

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

42.5384, 0.4550,
0.3549

42.5384, 0.4550,
0.3549

36.2748, 0.4963,
0.3576

50.1319, 0.4178,
0.3506

31.2573, 0.5389,
0.3579


59.1197, 0.3857,
0.3456


27.4023, 0.5782,
0.3549

69.5699, 0.3587,
0.3404

24.6129, 0.6088,
0.3485

81.5440, 0.3364,
0.3353

 23.2836, 0.6231,
0.3434

 95.1001, 0.3181,
0.3305

99.9957, 0.3127,
0.3290

Harmonies

Analogous

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



42.5384, 0.4173, 0.3019



42.5384, 0.4550, 0.3549



42.5384, 0.4477, 0.4084

Triad

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



42.5384, 0.4550, 0.3549



42.5384, 0.2679, 0.4214



42.5384, 0.2203, 0.2181

Complementary

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



42.5384, 0.4550, 0.3549



67.7027, 0.2382, 0.2990

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.



42.5384, 0.1909, 0.2333



42.5384, 0.4550, 0.3549



42.5384, 0.2148, 0.3467

Square

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



42.5384, 0.4550, 0.3549



42.5384, 0.3368, 0.4614



42.5384, 0.1886, 0.2768



42.5384, 0.2753, 0.2272

Rectangle

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



42.5384, 0.4550, 0.3549



42.5384, 0.4210, 0.4391



42.5384, 0.1886, 0.2768



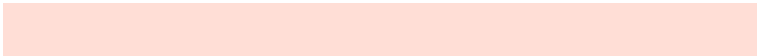
42.5384, 0.2075, 0.2203

Sweetspot

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



42.5406, 0.4550, 0.3549



78.2141, 0.3420, 0.3367



40.1627, 0.3419, 0.2211



16.2045, 0.3464, 0.3377



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.



42.5406, 0.4550, 0.3549



35.9094, 0.4991, 0.3577



69.6317, 0.4126, 0.4220



18.5278, 0.3290, 0.3334



12.3230, 0.6208, 0.3453



1.3382, 0.6008, 0.3611

Inverse Universe

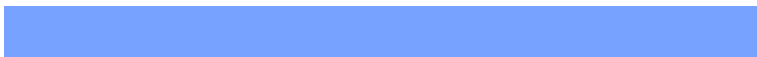
The Inverse Universe completely reimagines the original color for something new.



67.7027, 0.2382, 0.2990



63.3129, 0.2276, 0.2919



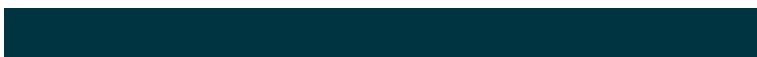
36.9989, 0.2201, 0.2111



19.8793, 0.2980, 0.3245



27.5646, 0.2080, 0.2689



2.8246, 0.2101, 0.2765

Previews

White Background



This preview shows how the Yxy color 42.5384, 0.4550, 0.3549 looks on a white background.

Color Contrast Check

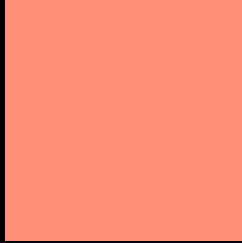
Large Text (above 18pt) WCAG AA × Fail

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 42.5384, 0.4550, 0.3549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

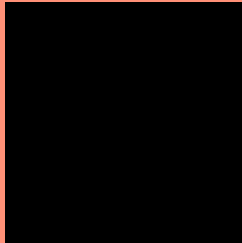
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.5384, 0.4550, 0.3549

Background



This preview shows how black text looks on a background with the Yxy color 42.5384, 0.4550, 0.3549.



This preview shows how white text looks on a background with the Yxy color 42.5384, 0.4550, 0.3549.

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

42.5384, 0.4550, 0.3549

Protanopia

42.8907, 0.3606, 0.3868

Deuteranopia

42.5769, 0.4019, 0.3935



Tritanopia

42.5441, 0.4224, 0.3189

Trichromacy



Original Color

42.5384, 0.4550, 0.3549

Protanomaly

42.0803, 0.3944, 0.3750

Deuteranomaly

42.2260, 0.4214, 0.3792

Tritanomaly

42.4701, 0.4351, 0.3325

Monochromacy



Original Color

42.5384, 0.4550, 0.3549

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.2240, 0.3599, 0.3407

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.5384, 0.4550, 0.3549 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, 144, 119)` looks like.

```
.text, #text, p{  
    color:rgb(255, 144, 119)  
}
```

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, 144, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 144, 119) }
```

Border

The CSS property to change the border of an element to Yxy 42.5384, 0.4550, 0.3549 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, 144, 119) }
```

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

```
.border{ border-color:rgb(255, 144, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 144, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 144, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 144, 119);  
box-shadow:4px 4px 4px 4px rgb(255, 144,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 42.5384, 0.4550, 0.3549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 144, 119) }
```

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

```
.background{ background-color: rgb(255,  
144, 119) }
```

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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