

Converting Colors

$Y_{xy}(71.0269, 0.5207, 0.3464)$

Have a look what the booklet for
Yxy(71.0269, 0.5207, 0.3464)
contains.

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Color

Yxy(44.8485, 0.4455, 0.3572)

Conversions

Conversions Part 1

Format	Color
Hex	FF977C
RGB	255, 151, 124
RGB Percent	100%, 59%, 49%
CMY	0.0001, 0.4077, 0.5138
CMYK	0.00, 0.41, 0.51, 0.00
HSL	12°, 100%, 74%
HSV	12°, 51%, 100%
XYZ	55.9351, 44.8485, 24.7721
YIQ	179.0180, 70.6510, 13.6510

Conversions

Conversions Part 2

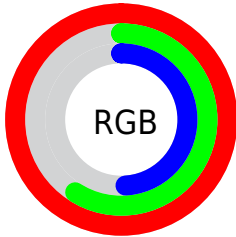
Format	Color
R _Y B	255, 158, 124
Decimal	16750460
CIE Lab	72.79, 36.28, 30.99
CIE LCh	73, 47.717, 40.508
Yxy	44.8485, 0.4455, 0.3572
Android (android.graphics.Color)	4294940540 (0xFFFF977C)
YUV	179.0180, -27.1239, 66.6362
Hunter-Lab	66.9690, 31.8942, 24.9467

Details

The Yxy color **44.8485, 0.4455, 0.3572** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **66.9476, 0.2396, 0.2967**, and the grayscale version is **45.2104, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.5769, 0.3732, 0.3592**, and **20.7127, 0.4826, 0.3585** is the 20% darker color. If you saturate the color by 10%, you get **38.3225, 0.4852, 0.3608**, and if you desaturate by 10%, it is **52.6635, 0.4100, 0.3522**.

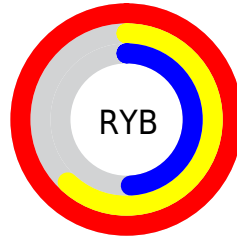
Distribution



Red (100%)

Green (59%)

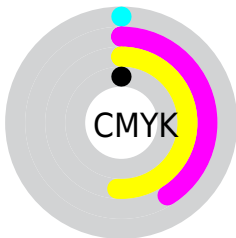
Blue (49%)



Red (100%)

Yellow (62%)

Blue (49%)

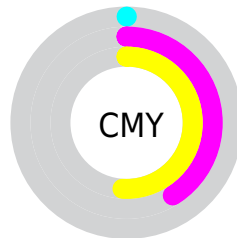


Cyan (0%)

Magenta (41%)

Yellow (51%)

Black (0%)



Cyan (0%)


Magenta (41%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.8485, 0.4455, 0.3572 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 44.8485, 0.4455, 0.3572 by changing the saturation by 10% instead.


 44.8485, 0.4455,
0.3572


 44.8485, 0.4455,
0.3572


366.1596, 0.3784,
0.3468


 31.3381, 0.4620,
0.3585

 82.4930, 0.4212,
0.3544

 20.8564, 0.4829,
0.3594


 107.3959, 0.4120,
0.3530

 13.0191, 0.5100,
0.3592


 136.8652, 0.4043,
0.3518

 7.4417, 0.5459,
0.3563

171.2851, 0.3976,
0.3506

 3.7398, 0.5973,
0.3486

211.0401, 0.3918,
0.3495

 1.5291, 0.6723,
0.3277

256.5146, 0.3868,

 0.3091, 0.7987,

0.3485

0.2013

308.0930, 0.3824,
0.3476

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

44.8485, 0.4455,
0.3572

44.8485, 0.4455,
0.3572

38.3225, 0.4852,
0.3608

52.6635, 0.4100,
0.3522

33.0083, 0.5270,
0.3619

61.8252, 0.3794,
0.3465

28.8311, 0.5667,
0.3596

72.3963, 0.3538,
0.3406

25.7041, 0.5993,
0.3536

84.4332, 0.3325,
0.3350

■ 23.7672, 0.6193,
0.3465

■ 97.9896, 0.3149,
0.3297

99.9938, 0.3127,
0.3290

Harmonies

Analogous

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



44.8485, 0.4127, 0.3069



44.8485, 0.4455, 0.3572



44.8485, 0.4371, 0.4069

Triad

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



44.8485, 0.4455, 0.3572



44.8485, 0.2681, 0.4104



44.8485, 0.2288, 0.2250

Complementary

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



44.8485, 0.4455, 0.3572



66.9476, 0.2396, 0.2967

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.



44.8485, 0.1995, 0.2384



44.8485, 0.4455, 0.3572



44.8485, 0.2193, 0.3416

Square

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



44.8485, 0.4455, 0.3572



44.8485, 0.3321, 0.4502



44.8485, 0.1959, 0.2779



44.8485, 0.2817, 0.2347

Rectangle

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



44.8485, 0.4455, 0.3572



44.8485, 0.4114, 0.4343



44.8485, 0.1959, 0.2779



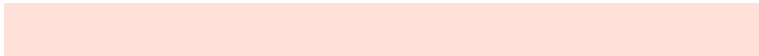
44.8485, 0.2162, 0.2267

Sweetspot

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



44.8508, 0.4455, 0.3572



79.9165, 0.3397, 0.3370



41.3099, 0.3427, 0.2264



16.5601, 0.3442, 0.3382



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.



44.8508, 0.4455, 0.3572



37.9646, 0.4878, 0.3609



71.6528, 0.4073, 0.4209



18.5944, 0.3289, 0.3340



12.5919, 0.6168, 0.3484



1.3736, 0.5961, 0.3649

Inverse Universe

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



66.9476, 0.2396, 0.2967



62.1895, 0.2284, 0.2887



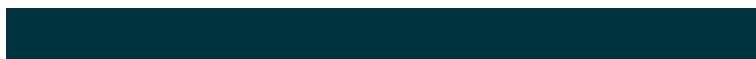
37.7959, 0.2231, 0.2134



19.8070, 0.2980, 0.3240



26.1529, 0.2059, 0.2611



2.6992, 0.2083, 0.2697

Previews

White Background



This preview shows how the Yxy color 44.8485, 0.4455, 0.3572 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 44.8485, 0.4455, 0.3572 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 44.8485, 0.4455, 0.3572

Background



This preview shows how black text looks on a background with the Yxy color 44.8485, 0.4455, 0.3572.



This preview shows how white text looks on a background with the Yxy color 44.8485, 0.4455, 0.3572.

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

44.8485, 0.4455, 0.3572

Protanopia

45.0941, 0.3596, 0.3857

Deuteranopia

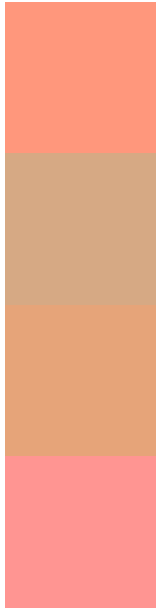
44.9290, 0.4001, 0.3909



Tritanopia

44.9084, 0.4117, 0.3188

Trichromacy



Original Color

44.8485, 0.4455, 0.3572

Protanomaly

44.3380, 0.3893, 0.3745

Deuteranomaly

44.7544, 0.4175, 0.3785

Tritanomaly

44.8302, 0.4240, 0.3325

Monochromacy



Original Color

44.8485, 0.4455, 0.3572

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.1445, 0.3574, 0.3416

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.8485, 0.4455, 0.3572 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, 151, 124)` looks like.

```
.text, #text, p{  
    color:rgb(255, 151, 124)  
}
```

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, 151, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 151, 124) }
```

Border

The CSS property to change the border of an element to Yxy 44.8485, 0.4455, 0.3572 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, 151, 124) }
```

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

```
.border{ border-color:rgb(255, 151, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 151, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 151, 124); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 151, 124); box-shadow:4px 4px 4px 4px rgb(255, 151, 124) }
```


Background

The CSS property to change the background color of an element to Yxy 44.8485, 0.4455, 0.3572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 151, 124) }
```

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

```
.background{ background-color: rgb(255,  
151, 124) }
```

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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