

Converting Colors

$Y_{xy}(45.0571, 0.4381, 0.3783)$

Have a look what the booklet for
Yxy(45.0571, 0.4381, 0.3783)
contains.

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Color

Yxy(44.8884, 0.4382, 0.3779)

Conversions

Conversions Part 1

Format	Color
Hex	F29F72
RGB	242, 159, 114
RGB Percent	95%, 62%, 45%
CMY	0.0510, 0.3764, 0.5529
CMYK	0.00, 0.34, 0.53, 0.05
HSL	21°, 83%, 70%
HSV	21°, 53%, 95%
XYZ	52.0511, 44.8884, 21.8443
YIQ	178.6870, 63.9130, 3.6010

Conversions

Conversions Part 2

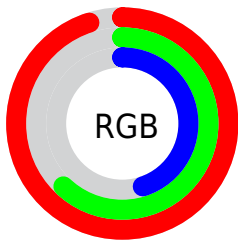
Format	Color
R_{YB}	242, 183, 114
Decimal	15900530
CIE _{Lab}	72.82, 26.23, 36.05
CIE _{LCh}	73, 44.588, 53.958
Yxy	44.8884, 0.4382, 0.3779
Android (android.graphics.Color)	4294090610 (0xFFFF29F72)
YUV	178.6870, -31.8907, 55.5255
Hunter-Lab	66.9988, 21.4279, 27.5682

Details

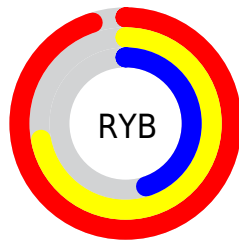
The Yxy color **44.8884, 0.4382, 0.3779** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **49.9170, 0.2330, 0.2710**, and the grayscale version is **45.0533, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.1063, 0.3789, 0.3786**, and **20.8421, 0.4721, 0.3858** is the 20% darker color. If you saturate the color by 10%, you get **39.3517, 0.4721, 0.3845**, and if you desaturate by 10%, it is **51.2603, 0.4070, 0.3693**.

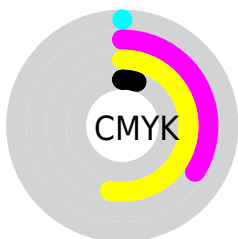
Distribution



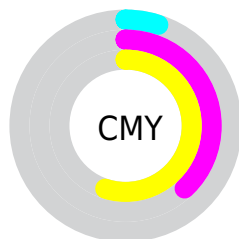
- Red (95%)
- Green (62%)
- Blue (45%)



- Red (95%)
- Yellow (72%)
- Blue (45%)



- Cyan (0%)
- Magenta (34%)
- Yellow (53%)
- Black (5%)





- Cyan (5%)
- Magenta (38%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.8884, 0.4382, 0.3779 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 44.8884, 0.4382, 0.3779 by changing the saturation by 10% instead.


 44.8884, 0.4382,
0.3779

 44.8884, 0.4382,
0.3779

366.3214, 0.3752,
0.3571


 31.3695, 0.4535,
0.3817


 82.5529, 0.4155,
0.3713

 20.8804, 0.4727,
0.3857

 107.4674, 0.4069,
0.3685

 13.0366, 0.4972,
0.3893


 136.9491, 0.3996,
0.3661

 7.4538, 0.5291,
0.3913

 171.3826, 0.3934,
0.3639

 3.7475, 0.5809,
0.3948

211.1521, 0.3879,
0.3619

 1.5333, 0.6281,
0.3719

256.6422, 0.3832,

 0.3120, 0.7509,

0.3601

0.2491

308.2372, 0.3790,
0.3585

0.0000, 0.0000,
0.0000

44.8884, 0.4382,
0.3779

44.8884, 0.4382,
0.3779

39.3517, 0.4721,
0.3845

51.2603, 0.4070,
0.3693

34.6063, 0.5071,
0.3877

58.4955, 0.3793,
0.3598

30.6135, 0.5404,
0.3865

66.6286, 0.3553,
0.3500


27.3279, 0.5691,
0.3800

75.6906, 0.3347,
0.3405

25.3857, 0.5859,
0.3730

85.7105, 0.3172,
0.3315

 96.4424, 0.3048,
0.3272

 97.6152, 0.3047,
0.3290

Harmonies

Analogous

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



44.8884, 0.4243, 0.3296



44.8884, 0.4382, 0.3779



44.8884, 0.4149, 0.4208

Triad

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



44.8884, 0.4382, 0.3779



44.8884, 0.2480, 0.3775



44.8884, 0.2538, 0.2325

Complementary

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



44.8884, 0.4382, 0.3779



49.9170, 0.2330, 0.2710

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.



44.8884, 0.2155, 0.2352



44.8884, 0.4382, 0.3779



44.8884, 0.2119, 0.3124

Square

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



44.8884, 0.4382, 0.3779



44.8884, 0.3037, 0.4299



44.8884, 0.2010, 0.2617



44.8884, 0.3117, 0.2503

Rectangle

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



44.8884, 0.4382, 0.3779



44.8884, 0.3836, 0.4396



44.8884, 0.2010, 0.2617



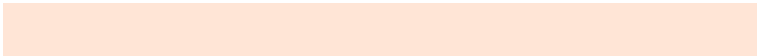
44.8884, 0.2385, 0.2309

Sweetspot

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



44.8906, 0.4382, 0.3779



81.9128, 0.3409, 0.3435



34.9533, 0.3647, 0.2417



17.0780, 0.3451, 0.3454



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.



44.8906, 0.4382, 0.3779



44.1550, 0.4731, 0.3846



72.7548, 0.3994, 0.4403



16.6680, 0.3284, 0.3374



13.8708, 0.5829, 0.3754



1.3343, 0.5577, 0.3954

Inverse Universe

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



49.9170, 0.2330, 0.2710



50.2416, 0.2203, 0.2573



26.8212, 0.2154, 0.1841



16.9391, 0.2980, 0.3205



16.6481, 0.1916, 0.2097



1.5711, 0.1964, 0.2272

Previews

White Background



This preview shows how the Yxy color 44.8884, 0.4382, 0.3779 looks on a white background.

Color Contrast Check

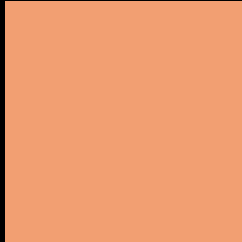
Large Text (above 18pt) WCAG AA × Fail

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 44.8884, 0.4382, 0.3779 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 44.8884, 0.4382, 0.3779

Background



This preview shows how black text looks on a background with the Yxy color 44.8884, 0.4382, 0.3779.



This preview shows how white text looks on a background with the Yxy color 44.8884, 0.4382, 0.3779.

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

44.8884, 0.4382, 0.3779

Protanopia

45.1147, 0.3742, 0.4031

Deuteranopia

44.8946, 0.4080, 0.3998



Tritanopia

45.0556, 0.3950, 0.3173

Trichromacy



Original Color

44.8884, 0.4382, 0.3779

Protanomaly

44.6858, 0.3966, 0.3943

Deuteranomaly

44.8372, 0.4181, 0.3918

Tritanomaly

44.9305, 0.4119, 0.3391

Monochromacy



Original Color

44.8884, 0.4382, 0.3779

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.4282, 0.3555, 0.3507

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.8884, 0.4382, 0.3779 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(242, 159, 114)` looks like.

```
.text, #text, p{  
    color:rgb(242, 159, 114)  
}
```

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(242, 159, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 159, 114) }
```

Border

The CSS property to change the border of an element to Yxy 44.8884, 0.4382, 0.3779 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(242, 159, 114) }
```

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

```
.border{ border-color:rgb(242, 159, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 159, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 159, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 159, 114);  
box-shadow:4px 4px 4px 4px rgb(242, 159,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 44.8884, 0.4382, 0.3779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 159, 114) }
```

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

```
.background{ background-color: rgb(242,  
159, 114) }
```

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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