

Converting Colors

$Y_{xy}(44.5639, 0.4422, 0.3764)$

Have a look what the booklet for
Yxy(44.5639, 0.4422, 0.3764)
contains.

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Color

Yxy(44.5393, 0.4423, 0.3763)

Conversions

Conversions Part 1

Format	Color
Hex	F49D71
RGB	244, 157, 113
RGB Percent	96%, 62%, 44%
CMY	0.0431, 0.3843, 0.5567
CMYK	0.00, 0.36, 0.54, 0.04
HSL	20°, 86%, 70%
HSV	20°, 54%, 96%
XYZ	52.3511, 44.5393, 21.4707
YIQ	177.9970, 65.9760, 4.7600

Conversions

Conversions Part 2

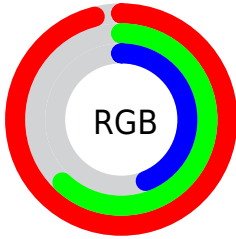
Format	Color
RYB	244, 179, 113
Decimal	16031089
CIELab	72.59, 28.01, 36.33
CIELCh	73, 45.874, 52.361
Yxy	44.5393, 0.4423, 0.3763
Android (android.graphics.Color)	4294221169 (0xFFFF49D71)
YUV	177.9970, -32.0435, 57.8846
Hunter-Lab	66.7378, 23.2297, 27.6418

Details

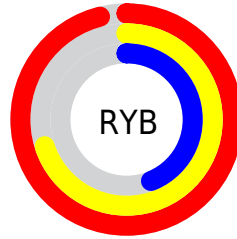
The Yxy color **44.5393, 0.4423, 0.3763** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **51.3789, 0.2326, 0.2727**, and the grayscale version is **44.6684, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.0636, 0.3804, 0.3776**, and **20.6637, 0.4777, 0.3834** is the 20% darker color. If you saturate the color by 10%, you get **38.9373, 0.4771, 0.3823**, and if you desaturate by 10%, it is **51.0214, 0.4103, 0.3683**.

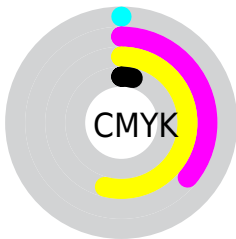
Distribution



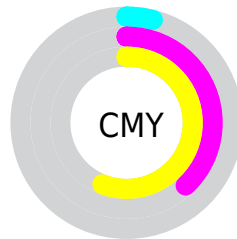
- Red (96%)
- Green (62%)
- Blue (44%)



- Red (96%)
- Yellow (70%)
- Blue (44%)



- Cyan (0%)
- Magenta (36%)
- Yellow (54%)
- Black (4%)





- Cyan (4%)
- Magenta (38%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.5393, 0.4423, 0.3763 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 44.5393, 0.4423, 0.3763 by changing the saturation by 10% instead.


 44.5393, 0.4423,
0.3763

 44.5393, 0.4423,
0.3763


364.9045, 0.3772,
0.3565

 31.0947, 0.4581,
0.3798


 82.0286, 0.4188,
0.3701


 20.6710, 0.4780,
0.3833


 106.8422, 0.4100,
0.3675

 12.8837, 0.5033,
0.3862


 136.2142, 0.4024,
0.3652

 7.3485, 0.5363,
0.3871

 170.5290, 0.3959,
0.3630

 3.6810, 0.5909,
0.3897

210.1710, 0.3903,
0.3611

 1.4968, 0.6373,
0.3627

255.5247, 0.3854,

 0.2865, 0.7704,

0.3594

0.2296

306.9744, 0.3810,
0.3579

0.0000, 0.0000,
0.0000

44.5393, 0.4423,
0.3763

44.5393, 0.4423,
0.3763

38.9373, 0.4771,
0.3823

51.0214, 0.4103,
0.3683

34.1680, 0.5128,
0.3849

58.4146, 0.3819,
0.3592

30.1894, 0.5467,
0.3830

66.7563, 0.3573,
0.3498

26.9518, 0.5753,
0.3759

76.0798, 0.3363,
0.3407

25.2551, 0.5901,
0.3696

86.4169, 0.3185,
0.3320

97.5079, 0.3060,
0.3283

97.9756, 0.3060,
0.3290

Harmonies

Analogous

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



44.5393, 0.4260, 0.3268



44.5393, 0.4423, 0.3763



44.5393, 0.4199, 0.4212

Triad

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



44.5393, 0.4423, 0.3763



44.5393, 0.2486, 0.3827



44.5393, 0.2494, 0.2294

Complementary

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



44.5393, 0.4423, 0.3763



51.3789, 0.2326, 0.2727

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.



44.5393, 0.2114, 0.2334



44.5393, 0.4423, 0.3763



44.5393, 0.2103, 0.3151

Square

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



44.5393, 0.4423, 0.3763



44.5393, 0.3066, 0.4353



44.5393, 0.1979, 0.2617



44.5393, 0.3080, 0.2467

Rectangle

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



44.5393, 0.4423, 0.3763



44.5393, 0.3884, 0.4419



44.5393, 0.1979, 0.2617



44.5393, 0.2341, 0.2282

Sweetspot

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



44.5415, 0.4423, 0.3763



81.5537, 0.3410, 0.3428



35.2407, 0.3633, 0.2385



16.9929, 0.3452, 0.3447



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.



44.5415, 0.4423, 0.3763



42.7649, 0.4788, 0.3825



72.7693, 0.4018, 0.4399



17.3913, 0.3285, 0.3370



13.9554, 0.5872, 0.3719



1.4084, 0.5631, 0.3911

Inverse Universe

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



51.3789, 0.2326, 0.2727



50.8977, 0.2199, 0.2594



27.3361, 0.2143, 0.1843



17.7661, 0.2980, 0.3209



17.8847, 0.1931, 0.2153



1.7609, 0.1976, 0.2312

Previews

White Background



This preview shows how the Yxy color 44.5393, 0.4423, 0.3763 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 44.5393, 0.4423, 0.3763 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 44.5393, 0.4423, 0.3763

Background



This preview shows how black text looks on a background with the Yxy color 44.5393, 0.4423, 0.3763.



This preview shows how white text looks on a background with the Yxy color 44.5393, 0.4423, 0.3763.

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

44.5393, 0.4423, 0.3763

Protanopia

44.5834, 0.3737, 0.4022

Deuteranopia

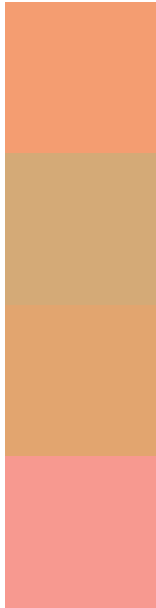
44.4742, 0.4103, 0.4010



Tritanopia

44.6983, 0.3997, 0.3174

Trichromacy



Original Color

44.5393, 0.4423, 0.3763

Protanomaly

44.0784, 0.3986, 0.3917

Deuteranomaly

44.2267, 0.4221, 0.3915

Tritanomaly

44.5702, 0.4167, 0.3391

Monochromacy



Original Color

44.5393, 0.4423, 0.3763

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

43.6391, 0.3569, 0.3495

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.5393, 0.4423, 0.3763 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(244, 157, 113)` looks like.

```
.text, #text, p{  
    color:rgb(244, 157, 113)  
}
```

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(244, 157, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 157, 113) }
```

Border

The CSS property to change the border of an element to Yxy 44.5393, 0.4423, 0.3763 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(244, 157, 113) }
```

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

```
.border{ border-color:rgb(244, 157, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 157, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 157, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 157, 113);  
box-shadow:4px 4px 4px 4px rgb(244, 157,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5393, 0.4423, 0.3763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 157, 113) }
```

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

```
.background{ background-color: rgb(244,  
157, 113) }
```

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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