

Converting Colors

$Y_{xy}(44.0551, 0.4305, 0.3728)$

Have a look what the booklet for
Yxy(44.0551, 0.4305, 0.3728)
contains.

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Color

Yxy(43.9628, 0.4305, 0.3724)

Conversions

Conversions Part 1

Format	Color
Hex	EE9E77
RGB	238, 158, 119
RGB Percent	93%, 62%, 47%
CMY	0.0666, 0.3804, 0.5332
CMYK	0.00, 0.34, 0.50, 0.07
HSL	20°, 78%, 70%
HSV	20°, 50%, 93%
XYZ	50.8217, 43.9628, 23.2682
YIQ	177.4740, 60.1990, 4.8310

Conversions

Conversions Part 2

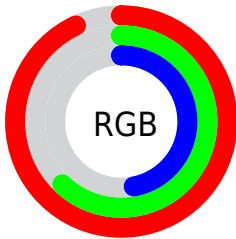
Format	Color
R _Y B	238, 177, 119
Decimal	15638135
CIE Lab	72.20, 25.64, 32.50
CIE LCh	72, 41.398, 51.734
Yxy	43.9628, 0.4305, 0.3724
Android (android.graphics.Color)	4293828215 (0xFFEE9E77)
YUV	177.4740, -28.8277, 53.0813
Hunter-Lab	66.3044, 20.7856, 25.6065

Details

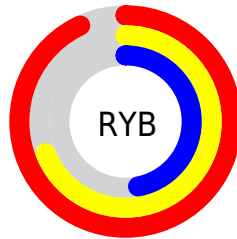
The Yxy color **43.9628, 0.4305, 0.3724** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **50.9660, 0.2377, 0.2787**, and the grayscale version is **44.3621, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.8271, 0.3748, 0.3714**, and **20.3340, 0.4637, 0.3794** is the 20% darker color. If you saturate the color by 10%, you get **38.3533, 0.4647, 0.3791**, and if you desaturate by 10%, it is **50.4311, 0.3996, 0.3641**.

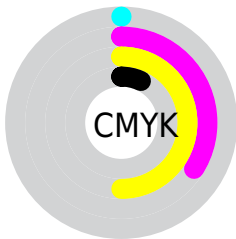
Distribution



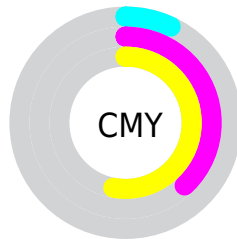
- Red (93%)
- Green (62%)
- Blue (47%)



- Red (93%)
- Yellow (69%)
- Blue (47%)



- Cyan (0%)
- Magenta (34%)
- Yellow (50%)
- Black (7%)





- Cyan (7%)
- Magenta (38%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.9628, 0.4305, 0.3724 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 43.9628, 0.4305, 0.3724 by changing the saturation by 10% instead.


 43.9628, 0.4305,
0.3724


 43.9628, 0.4305,
0.3724


362.5565, 0.3710,
0.3537


 30.6413, 0.4452,
0.3759


 81.1618, 0.4089,
0.3664

 20.3258, 0.4637,
0.3797

 105.8080, 0.4008,
0.3639

 12.6321, 0.4878,
0.3833


 134.9979, 0.3939,
0.3617

 7.1757, 0.5196,
0.3856

169.1159, 0.3880,
0.3597

 3.5722, 0.5686,
0.3876

208.5463, 0.3829,
0.3580

 1.4373, 0.6279,
0.3721

253.6736, 0.3784,

 0.2440, 0.7786,

0.3564

0.2214

304.8822, 0.3745,
0.3550

0.0000, 0.0000,
0.0000

43.9628, 0.4305,
0.3724

43.9628, 0.4305,
0.3724

38.3533, 0.4647,
0.3791

50.4311, 0.3996,
0.3641

33.5578, 0.5007,
0.3829

57.7872, 0.3725,
0.3551

29.5371, 0.5360,
0.3827

66.0667, 0.3492,
0.3460

26.2453, 0.5672,
0.3775

75.3012, 0.3294,
0.3372

23.6236, 0.5920,
0.3681

85.5207, 0.3127,
0.3290

■ 23.6216, 0.5920,
0.3681

■ 96.3057, 0.3024,
0.3280

■ 96.9198, 0.3023,
0.3290

Harmonies

Analogous

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



43.9628, 0.4146, 0.3267



43.9628, 0.4305, 0.3724



43.9628, 0.4114, 0.4131

Triad

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



43.9628, 0.4305, 0.3724



43.9628, 0.2556, 0.3786



43.9628, 0.2541, 0.2374

Complementary

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



43.9628, 0.4305, 0.3724



50.9660, 0.2377, 0.2787

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.



43.9628, 0.2193, 0.2419



43.9628, 0.4305, 0.3724



43.9628, 0.2196, 0.3182

Square

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



43.9628, 0.4305, 0.3724



43.9628, 0.3090, 0.4250



43.9628, 0.2073, 0.2690



43.9628, 0.3075, 0.2530

Rectangle

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



43.9628, 0.4305, 0.3724



43.9628, 0.3833, 0.4313



43.9628, 0.2073, 0.2690



43.9628, 0.2401, 0.2366

Sweetspot

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



43.9650, 0.4305, 0.3724



82.4488, 0.3390, 0.3416



35.5659, 0.3563, 0.2422



17.1642, 0.3433, 0.3435



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.



43.9650, 0.4305, 0.3724



44.7109, 0.4655, 0.3792



68.7270, 0.3967, 0.4314



16.6043, 0.3285, 0.3368



13.3864, 0.5892, 0.3704



1.2884, 0.5636, 0.3907

Inverse Universe

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



50.9660, 0.2377, 0.2787



53.6556, 0.2249, 0.2662



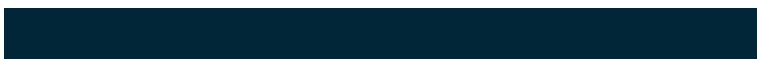
29.1011, 0.2222, 0.1987



17.0056, 0.2981, 0.3211



17.7268, 0.1940, 0.2183



1.6553, 0.1985, 0.2346

Previews

White Background



This preview shows how the Yxy color 43.9628, 0.4305, 0.3724 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 43.9628, 0.4305, 0.3724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

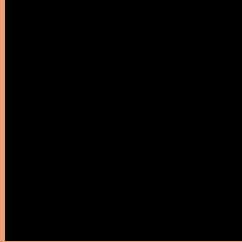
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.9628, 0.4305, 0.3724

Background



This preview shows how black text looks on a background with the Yxy color 43.9628, 0.4305, 0.3724.



This preview shows how white text looks on a background with the Yxy color 43.9628, 0.4305, 0.3724.

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

43.9628, 0.4305, 0.3724

Protanopia

44.0530, 0.3680, 0.3951

Deuteranopia

44.1799, 0.4013, 0.3938



Tritanopia

43.9781, 0.3926, 0.3171

Trichromacy



Original Color

43.9628, 0.4305, 0.3724

Protanomaly

43.6146, 0.3903, 0.3866

Deuteranomaly

44.1100, 0.4114, 0.3859

Tritanomaly

43.9186, 0.4075, 0.3371

Monochromacy



Original Color

43.9628, 0.4305, 0.3724

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.2919, 0.3522, 0.3471

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.9628, 0.4305, 0.3724 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(238, 158, 119)` looks like.

```
.text, #text, p{  
    color:rgb(238, 158, 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(238, 158, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 158, 119) }
```

Border

The CSS property to change the border of an element to Yxy 43.9628, 0.4305, 0.3724 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(238, 158, 119) }
```

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

```
.border{ border-color:rgb(238, 158, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 158, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 158, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 158, 119);  
box-shadow:4px 4px 4px 4px rgb(238, 158,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9628, 0.4305, 0.3724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 158, 119) }
```

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

```
.background{ background-color: rgb(238,  
158, 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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