

Converting Colors

$Y_{xy}(44.0654, 0.4343, 0.3754)$

Have a look what the booklet for
Yxy(44.0654, 0.4343, 0.3754)
contains.

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Color

Yxy(44.0654, 0.4343, 0.3754)

Conversions

Conversions Part 1

Format	Color
Hex	EF9E74
RGB	239, 158, 116
RGB Percent	94%, 62%, 45%
CMY	0.0627, 0.3804, 0.5451
CMYK	0.00, 0.34, 0.51, 0.06
HSL	20°, 79%, 70%
HSV	20°, 51%, 94%
XYZ	50.9792, 44.0654, 22.3379
YIQ	177.4310, 61.7580, 4.1100

Conversions

Conversions Part 2

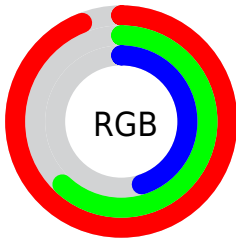
Format	Color
R_{YB}	239, 180, 116
Decimal	15703668
CIE _{Lab}	72.27, 25.76, 34.24
CIE _{LCh}	72, 42.846, 53.040
Yxy	44.0654, 0.4343, 0.3754
Android (android.graphics.Color)	4293893748 (0xFFEF9E74)
YUV	177.4310, -30.2855, 53.9960
Hunter-Lab	66.3818, 20.9146, 26.5158

Details

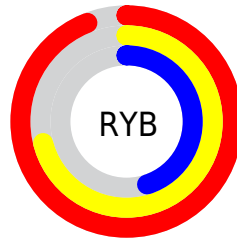
The Yxy color **44.0654, 0.4343, 0.3754** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **49.8802, 0.2353, 0.2746**, and the grayscale version is **44.3440, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.7131, 0.3770, 0.3745**, and **20.4166, 0.4685, 0.3828** is the 20% darker color. If you saturate the color by 10%, you get **38.5510, 0.4683, 0.3821**, and if you desaturate by 10%, it is **50.4150, 0.4033, 0.3669**.

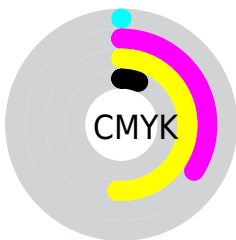
Distribution



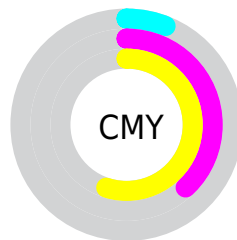
- Red (94%)
- Green (62%)
- Blue (45%)



- Red (94%)
- Yellow (71%)
- Blue (45%)



- Cyan (0%)
- Magenta (34%)
- Yellow (51%)
- Black (6%)





- Cyan (6%)
- Magenta (38%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.0654, 0.4343, 0.3754 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 44.0654, 0.4343, 0.3754 by changing the saturation by 10% instead.


 44.0654, 0.4343,
0.3754


 44.0654, 0.4343,
0.3754


362.9751, 0.3730,
0.3555

 30.7219, 0.4493,
0.3791


 81.3161, 0.4121,
0.3691

 20.3872, 0.4683,
0.3830


 105.9922, 0.4038,
0.3664

 12.6768, 0.4927,
0.3867


 135.2146, 0.3967,
0.3640

 7.2064, 0.5247,
0.3889

169.3677, 0.3906,
0.3619

 3.5915, 0.5761,
0.3922

208.8359, 0.3853,
0.3600

 1.4478, 0.6282,
0.3718

254.0036, 0.3807,

 0.2515, 0.7754,

0.3584

0.2246

305.2552, 0.3766,
0.3568

0.0000, 0.0000,
0.0000

44.0654, 0.4343,
0.3754

44.0654, 0.4343,
0.3754

38.5510, 0.4683,
0.3821

50.4150, 0.4033,
0.3669

33.8280, 0.5037,
0.3857

57.6279, 0.3759,
0.3576

29.8583, 0.5380,
0.3850

65.7385, 0.3523,
0.3481

26.5969, 0.5678,
0.3792

74.7776, 0.3321,
0.3389

24.3304, 0.5884,
0.3710

84.7743, 0.3150,
0.3302

■ 95.4699, 0.3030,
0.3265

■ 97.0934, 0.3029,
0.3290

Harmonies

Analogous

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



44.0654, 0.4196, 0.3284



44.0654, 0.4343, 0.3754



44.0654, 0.4129, 0.4171

Triad

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



44.0654, 0.4343, 0.3754



44.0654, 0.2516, 0.3778



44.0654, 0.2542, 0.2350

Complementary

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



44.0654, 0.4343, 0.3754



49.8802, 0.2353, 0.2746

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.



44.0654, 0.2175, 0.2385



44.0654, 0.4343, 0.3754



44.0654, 0.2156, 0.3150

Square

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



44.0654, 0.4343, 0.3754



44.0654, 0.3060, 0.4273



44.0654, 0.2042, 0.2651



44.0654, 0.3099, 0.2518

Rectangle

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



44.0654, 0.4343, 0.3754



44.0654, 0.3832, 0.4355



44.0654, 0.2042, 0.2651



44.0654, 0.2396, 0.2338

Sweetspot

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



44.0676, 0.4343, 0.3754



82.7454, 0.3390, 0.3421



34.9193, 0.3604, 0.2418



17.2351, 0.3432, 0.3441



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.



44.0676, 0.4343, 0.3754



44.2180, 0.4709, 0.3825



70.0224, 0.3981, 0.4359



16.6412, 0.3285, 0.3371



13.6622, 0.5855, 0.3733



1.3147, 0.5602, 0.3934

Inverse Universe

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



49.8802, 0.2353, 0.2746



51.5354, 0.2219, 0.2608



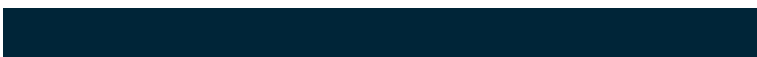
27.6929, 0.2188, 0.1914



16.9671, 0.2980, 0.3207



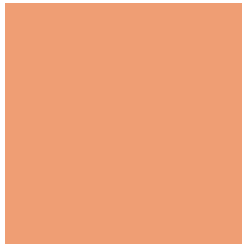
17.0958, 0.1926, 0.2133



1.6061, 0.1973, 0.2303

Previews

White Background



This preview shows how the Yxy color 44.0654, 0.4343, 0.3754 looks on a white background.

Color Contrast Check

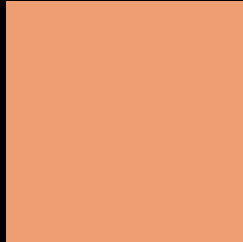
Large Text (above 18pt) WCAG AA × Fail

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 44.0654, 0.4343, 0.3754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

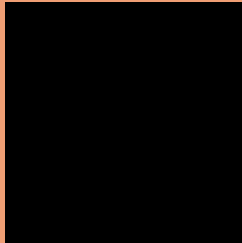
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.0654, 0.4343, 0.3754

Background



This preview shows how black text looks on a background with the Yxy color 44.0654, 0.4343, 0.3754.



This preview shows how white text looks on a background with the Yxy color 44.0654, 0.4343, 0.3754.

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

44.0654, 0.4343, 0.3754

Protanopia

44.5025, 0.3711, 0.3999

Deuteranopia

44.2605, 0.4049, 0.3970



Tritanopia

44.1555, 0.3936, 0.3171

Trichromacy



Original Color

44.0654, 0.4343, 0.3754

Protanomaly

44.0616, 0.3934, 0.3912

Deuteranomaly

44.1982, 0.4151, 0.3890

Tritanomaly

44.0638, 0.4095, 0.3381

Monochromacy



Original Color

44.0654, 0.4343, 0.3754

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.3954, 0.3541, 0.3484

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0654, 0.4343, 0.3754 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(239, 158, 116)` looks like.

```
.text, #text, p{  
    color:rgb(239, 158, 116)  
}
```

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(239, 158, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 158, 116) }
```

Border

The CSS property to change the border of an element to Yxy 44.0654, 0.4343, 0.3754 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(239, 158, 116) }
```

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

```
.border{ border-color:rgb(239, 158, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 158, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 158, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 158, 116);  
box-shadow:4px 4px 4px 4px rgb(239, 158,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0654, 0.4343, 0.3754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 158, 116) }
```

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

```
.background{ background-color: rgb(239,  
158, 116) }
```

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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