

Converting Colors

$Yxy(44.4057, 0.4324, 0.3776)$

Have a look what the booklet for
Yxy(44.4057, 0.4324, 0.3776)
contains.

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Color

Yxy(44.5797, 0.4320, 0.3778)

Conversions

Conversions Part 1

Format	Color
Hex	EEA074
RGB	238, 160, 116
RGB Percent	93%, 63%, 45%
CMY	0.0668, 0.3725, 0.5451
CMYK	0.00, 0.33, 0.51, 0.07
HSL	22°, 78%, 69%
HSV	22°, 51%, 93%
XYZ	50.9752, 44.5797, 22.4432
YIQ	178.3060, 60.6120, 2.8520

Conversions

Conversions Part 2

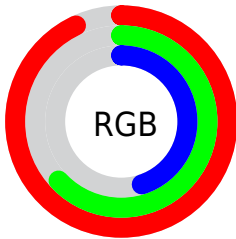
Format	Color
R _Y B	238, 185, 116
Decimal	15638644
CIE Lab	72.61, 24.28, 34.64
CIE LCh	73, 42.301, 54.977
Yxy	44.5797, 0.4320, 0.3778
Android (android.graphics.Color)	4293828724 (0xFFEEA074)
YUV	178.3060, -30.7169, 52.3516
Hunter-Lab	66.7680, 19.4348, 26.8080

Details

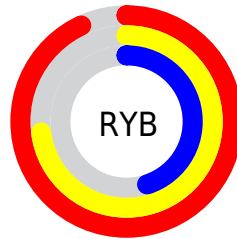
The Yxy color **44.5797, 0.4320, 0.3778** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **48.4474, 0.2350, 0.2716**, and the grayscale version is **44.8347, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.7255, 0.3764, 0.3765**, and **20.7141, 0.4652, 0.3859** is the 20% darker color. If you saturate the color by 10%, you get **39.1417, 0.4651, 0.3850**, and if you desaturate by 10%, it is **50.8091, 0.4017, 0.3688**.

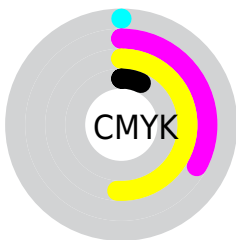
Distribution



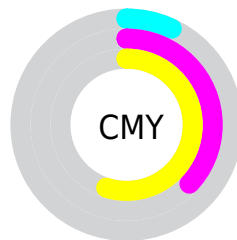
- Red (93%)
- Green (63%)
- Blue (45%)



- Red (93%)
- Yellow (73%)
- Blue (45%)



- Cyan (0%)
- Magenta (33%)
- Yellow (51%)
- Black (7%)





- Cyan (7%)
- Magenta (37%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.5797, 0.4320, 0.3778 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 44.5797, 0.4320, 0.3778 by changing the saturation by 10% instead.


 44.5797, 0.4320,
0.3778

 44.5797, 0.4320,
0.3778


365.0687, 0.3720,
0.3566


 31.1265, 0.4466,
0.3818


 82.0893, 0.4103,
0.3710

 20.6952, 0.4651,
0.3862


 106.9146, 0.4022,
0.3681

 12.9014, 0.4888,
0.3905


 136.2993, 0.3952,
0.3656

 7.3607, 0.5198,
0.3936

170.6279, 0.3892,
0.3634

 3.6887, 0.5692,
0.3980

210.2847, 0.3841,
0.3614

 1.5010, 0.6197,
0.3803

255.6542, 0.3795,

 0.2894, 0.7499,

0.3596

0.2501

307.1207, 0.3755,
0.3580

0.0000, 0.0000,
0.0000

44.5797, 0.4320,
0.3778

44.5797, 0.4320,
0.3778

39.1417, 0.4651,
0.3850

50.8091, 0.4017,
0.3688

34.4542, 0.4996,
0.3891

57.8550, 0.3748,
0.3589

30.4822, 0.5330,
0.3889

65.7498, 0.3516,
0.3489

27.1842, 0.5623,
0.3835

74.5217, 0.3316,
0.3392

24.8078, 0.5832,
0.3751

84.1978, 0.3147,
0.3301

■ 94.5572, 0.3023,
0.3253

■ 96.9114, 0.3023,
0.3290

Harmonies

Analogous

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



44.5797, 0.4199, 0.3315



44.5797, 0.4320, 0.3778



44.5797, 0.4090, 0.4181

Triad

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



44.5797, 0.4320, 0.3778



44.5797, 0.2497, 0.3730



44.5797, 0.2582, 0.2369

Complementary

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



44.5797, 0.4320, 0.3778



48.4474, 0.2350, 0.2716

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.



44.5797, 0.2206, 0.2390



44.5797, 0.4320, 0.3778



44.5797, 0.2156, 0.3116

Square

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



44.5797, 0.4320, 0.3778



44.5797, 0.3025, 0.4233



44.5797, 0.2059, 0.2638



44.5797, 0.3140, 0.2546

Rectangle

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



44.5797, 0.4320, 0.3778



44.5797, 0.3789, 0.4349



44.5797, 0.2059, 0.2638



44.5797, 0.2433, 0.2352

Sweetspot

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



44.5819, 0.4320, 0.3778



83.1593, 0.3388, 0.3429



34.6171, 0.3624, 0.2442



17.3341, 0.3431, 0.3449



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.



44.5819, 0.4320, 0.3778



45.8080, 0.4650, 0.3850



70.4474, 0.3967, 0.4373



16.6926, 0.3284, 0.3376



14.0679, 0.5804, 0.3774



1.3527, 0.5553, 0.3972

Inverse Universe

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



48.4474, 0.2350, 0.2716



50.6820, 0.2222, 0.2580



27.0186, 0.2187, 0.1894



16.9136, 0.2980, 0.3203



16.2459, 0.1907, 0.2064



1.5394, 0.1957, 0.2243

Previews

White Background



This preview shows how the Yxy color 44.5797, 0.4320, 0.3778 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 44.5797, 0.4320, 0.3778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

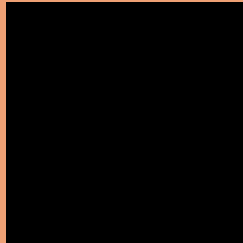
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.5797, 0.4320, 0.3778

Background



This preview shows how black text looks on a background with the Yxy color 44.5797, 0.4320, 0.3778.



This preview shows how white text looks on a background with the Yxy color 44.5797, 0.4320, 0.3778.

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

44.5797, 0.4320, 0.3778

Protanopia

44.6083, 0.3729, 0.4009

Deuteranopia

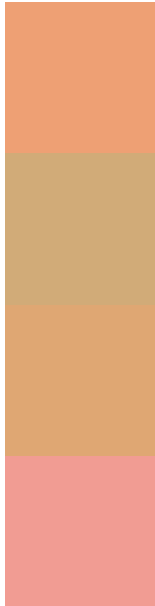
44.7878, 0.4053, 0.3979



Tritanopia

44.7051, 0.3898, 0.3171

Trichromacy



Original Color

44.5797, 0.4320, 0.3778

Protanomaly

44.0372, 0.3943, 0.3924

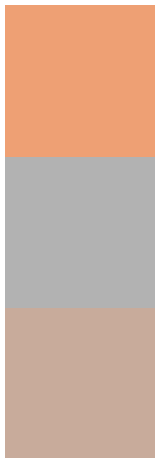
Deuteranomaly

44.5632, 0.4145, 0.3901

Tritanomaly

44.5843, 0.4066, 0.3393

Monochromacy



Original Color

44.5797, 0.4320, 0.3778

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

43.7717, 0.3538, 0.3496

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.5797, 0.4320, 0.3778 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, 160, 116)` looks like.

```
.text, #text, p{  
    color:rgb(238, 160, 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(238, 160, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 160, 116) }
```

Border

The CSS property to change the border of an element to Yxy 44.5797, 0.4320, 0.3778 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, 160, 116) }
```

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

```
.border{ border-color:rgb(238, 160, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 160, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 160, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 160, 116);  
box-shadow:4px 4px 4px 4px rgb(238, 160,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5797, 0.4320, 0.3778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 160, 116) }
```

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

```
.background{ background-color: rgb(238,  
160, 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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