

Converting Colors

$Yxy(44.3483, 0.4175, 0.3676)$

Have a look what the booklet for
Yxy(44.3483, 0.4175, 0.3676)
contains.

Yxy(44.5145, 0.4173, 0.3678)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(44.5145, 0.4173, 0.3678)

Conversions

Conversions Part 1

Format	Color
Hex	EAA17F
RGB	234, 161, 127
RGB Percent	92%, 63%, 50%
CMY	0.0824, 0.3686, 0.5020
CMYK	0.00, 0.31, 0.46, 0.08
HSL	19°, 72%, 71%
HSV	19°, 46%, 92%
XYZ	50.5054, 44.5145, 26.0092
YIQ	178.9510, 54.4220, 4.9020

Conversions

Conversions Part 2

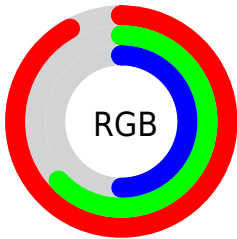
Format	Color
R _Y B	234, 177, 127
Decimal	15376767
CIE Lab	72.57, 23.21, 28.61
CIE LCh	73, 36.845, 50.952
Yxy	44.5145, 0.4173, 0.3678
Android (android.graphics.Color)	4293566847 (0xFFEAA17F)
YUV	178.9510, -25.6118, 48.2780
Hunter-Lab	66.7192, 18.3633, 23.5904

Details

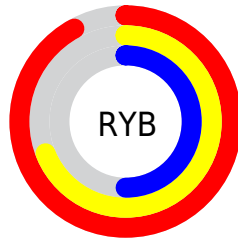
The Yxy color **44.5145, 0.4173, 0.3678** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **51.7533, 0.2438, 0.2851**, and the grayscale version is **45.1704, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.6670, 0.3680, 0.3661**, and **20.7032, 0.4483, 0.3755** is the 20% darker color. If you saturate the color by 10%, you get **38.7481, 0.4505, 0.3751**, and if you desaturate by 10%, it is **51.1391, 0.3878, 0.3594**.

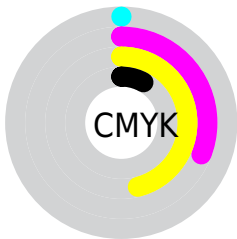
Distribution



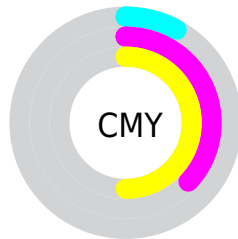
- Red (92%)
- Green (63%)
- Blue (50%)



- Red (92%)
- Yellow (69%)
- Blue (50%)



- Cyan (0%)
- Magenta (31%)
- Yellow (46%)
- Black (8%)





- Cyan (8%)
- Magenta (37%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.5145, 0.4173, 0.3678 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 44.5145, 0.4173, 0.3678 by changing the saturation by 10% instead.


 44.5145, 0.4173,
0.3678

 44.5145, 0.4173,
0.3678

364.8037, 0.3644,
0.3507


 31.0752, 0.4304,
0.3712


 81.9914, 0.3981,
0.3622

 20.6561, 0.4472,
0.3750


 106.7977, 0.3908,
0.3599

 12.8729, 0.4691,
0.3790


 136.1619, 0.3847,
0.3579

 7.3411, 0.4985,
0.3826

170.4683, 0.3795,
0.3561

 3.6763, 0.5405,
0.3842

210.1013, 0.3749,
0.3545

 1.4942, 0.6147,
0.3853

255.4452, 0.3710,

 0.2846, 0.7463,

0.3531

0.2537

306.8846, 0.3675,
0.3518

0.0000, 0.0000,
0.0000

44.5145, 0.4173,
0.3678

44.5145, 0.4173,
0.3678

38.7481, 0.4505,
0.3751

51.1391, 0.3878,
0.3594

33.7967, 0.4864,
0.3801

58.6496, 0.3622,
0.3505

29.6228, 0.5228,
0.3816

67.0806, 0.3404,
0.3418

26.1829, 0.5565,
0.3785

76.4628, 0.3219,
0.3335

23.4280, 0.5842,
0.3705

86.8252, 0.3064,
0.3258

■ 22.4391, 0.5943,
0.3663

■ 96.2310, 0.2999,
0.3290

Harmonies

Analogous

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



44.5145, 0.4021, 0.3266



44.5145, 0.4173, 0.3678



44.5145, 0.4017, 0.4039

Triad

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



44.5145, 0.4173, 0.3678



44.5145, 0.2633, 0.3741



44.5145, 0.2595, 0.2466

Complementary

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



44.5145, 0.4173, 0.3678



51.7533, 0.2438, 0.2851

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.



44.5145, 0.2284, 0.2516



44.5145, 0.4173, 0.3678



44.5145, 0.2301, 0.3214

Square

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



44.5145, 0.4173, 0.3678



44.5145, 0.3114, 0.4138



44.5145, 0.2181, 0.2770



44.5145, 0.3070, 0.2601

Rectangle

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



44.5145, 0.4173, 0.3678



44.5145, 0.3773, 0.4196



44.5145, 0.2181, 0.2770



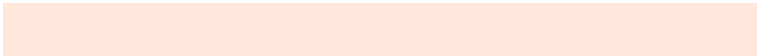
44.5145, 0.2470, 0.2461

Sweetspot

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



44.5167, 0.4173, 0.3678



83.3451, 0.3371, 0.3404



36.8457, 0.3513, 0.2491



17.3342, 0.3414, 0.3422



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.



44.5167, 0.4173, 0.3678



47.4020, 0.4489, 0.3748



67.3076, 0.3893, 0.4233



15.8355, 0.3285, 0.3366



12.8106, 0.5915, 0.3686



1.1734, 0.5644, 0.3900

Inverse Universe

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



51.7533, 0.2438, 0.2851



57.1487, 0.2314, 0.2741



31.2007, 0.2308, 0.2119



16.2675, 0.2981, 0.3213



17.6288, 0.1950, 0.2219



1.5561, 0.1996, 0.2385

Previews

White Background



This preview shows how the Yxy color 44.5145, 0.4173, 0.3678 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 44.5145, 0.4173, 0.3678 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 44.5145, 0.4173, 0.3678

Background



This preview shows how black text looks on a background with the Yxy color 44.5145, 0.4173, 0.3678.



This preview shows how white text looks on a background with the Yxy color 44.5145, 0.4173, 0.3678.

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

44.5145, 0.4173, 0.3678

Protanopia

44.6384, 0.3617, 0.3871

Deuteranopia

44.6035, 0.3927, 0.3857



Tritanopia

44.5715, 0.3823, 0.3168

Trichromacy



Original Color

44.5145, 0.4173, 0.3678

Protanomaly

44.4091, 0.3821, 0.3806

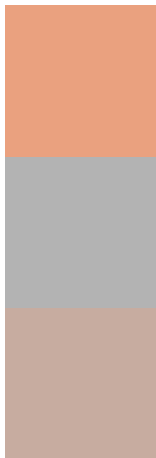
Deuteranomaly

44.3594, 0.4016, 0.3782

Tritanomaly

44.5536, 0.3959, 0.3361

Monochromacy



Original Color

44.5145, 0.4173, 0.3678

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.1852, 0.3481, 0.3445

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.5145, 0.4173, 0.3678 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(234, 161, 127)` looks like.

```
.text, #text, p{  
    color:rgb(234, 161, 127)  
}
```

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(234, 161, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 161, 127) }
```

Border

The CSS property to change the border of an element to Yxy 44.5145, 0.4173, 0.3678 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(234, 161, 127) }
```

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

```
.border{ border-color:rgb(234, 161, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 161, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 161, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 161, 127);  
box-shadow:4px 4px 4px 4px rgb(234, 161,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5145, 0.4173, 0.3678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 161, 127) }
```

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

```
.background{ background-color: rgb(234,  
161, 127) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor