

Converting Colors

$Y_{xy}(44.3505, 0.4169, 0.3667)$

Have a look what the booklet for
Yxy(44.3505, 0.4169, 0.3667)
contains.

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Color

Yxy(44.5407, 0.4163, 0.3667)

Conversions

Conversions Part 1

Format	Color
Hex	EAA180
RGB	234, 161, 128
RGB Percent	92%, 63%, 50%
CMY	0.0825, 0.3685, 0.4980
CMYK	0.00, 0.31, 0.45, 0.08
HSL	19°, 72%, 71%
HSV	19°, 45%, 92%
XYZ	50.5653, 44.5407, 26.3576
YIQ	179.0650, 54.1010, 5.2130

Conversions

Conversions Part 2

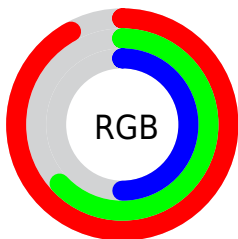
Format	Color
RYB	234, 176, 128
Decimal	15376768
CIELab	72.59, 23.30, 28.09
CIELCh	73, 36.495, 50.332
Yxy	44.5407, 0.4163, 0.3667
Android (android.graphics.Color)	4293566848 (0xFFEAA180)
YUV	179.0650, -25.1750, 48.1780
Hunter-Lab	66.7388, 18.4493, 23.3014

Details

The Yxy color **44.5407, 0.4163, 0.3667** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **52.2816, 0.2446, 0.2865**, and the grayscale version is **45.2323, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.7079, 0.3672, 0.3651**, and **20.7174, 0.4470, 0.3742** is the 20% darker color. If you saturate the color by 10%, you get **38.7234, 0.4496, 0.3739**, and if you desaturate by 10%, it is **51.2297, 0.3868, 0.3584**.

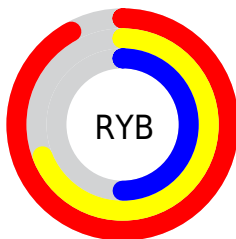
Distribution



Red (92%)

Green (63%)

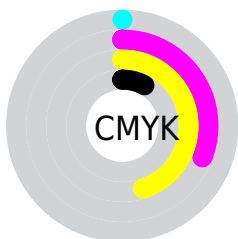
Blue (50%)



Red (92%)

Yellow (69%)

Blue (50%)

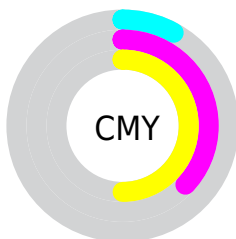


Cyan (0%)

Magenta (31%)

Yellow (45%)

Black (8%)



Cyan (8%)


Magenta (37%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.5407, 0.4163, 0.3667 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 44.5407, 0.4163, 0.3667 by changing the saturation by 10% instead.


 44.5407, 0.4163,
0.3667

 44.5407, 0.4163,
0.3667


364.9102, 0.3639,
0.3501

 31.0958, 0.4293,
0.3700


 82.0308, 0.3972,
0.3613

 20.6718, 0.4460,
0.3737


 106.8447, 0.3901,
0.3590

 12.8843, 0.4677,
0.3776


 136.2171, 0.3840,
0.3571

 7.3489, 0.4971,
0.3811

170.5324, 0.3788,
0.3553

 3.6813, 0.5387,
0.3825

210.1750, 0.3743,
0.3538

 1.4969, 0.6151,
0.3849

255.5292, 0.3704,

 0.2866, 0.7459,

0.3524

0.2541

306.9795, 0.3669,
0.3512

0.0000, 0.0000,
0.0000

44.5407, 0.4163,
0.3667

44.5407, 0.4163,
0.3667

38.7234, 0.4496,
0.3739

51.2297, 0.3868,
0.3584

33.7338, 0.4857,
0.3789

58.8188, 0.3613,
0.3497

29.5337, 0.5224,
0.3805

67.3432, 0.3396,
0.3412

26.0789, 0.5566,
0.3775

76.8340, 0.3212,
0.3331

23.3195, 0.5847,
0.3697

87.3210, 0.3058,
0.3255

■ 22.2377, 0.5959,
0.3651

■ 96.2268, 0.2999,
0.3290

Harmonies

Analogous

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



44.5407, 0.4006, 0.3258



44.5407, 0.4163, 0.3667



44.5407, 0.4015, 0.4027

Triad

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



44.5407, 0.4163, 0.3667



44.5407, 0.2646, 0.3746



44.5407, 0.2592, 0.2472

Complementary

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



44.5407, 0.4163, 0.3667



52.2816, 0.2446, 0.2865

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.



44.5407, 0.2287, 0.2526



44.5407, 0.4163, 0.3667



44.5407, 0.2313, 0.3225

Square

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



44.5407, 0.4163, 0.3667



44.5407, 0.3125, 0.4135



44.5407, 0.2190, 0.2783



44.5407, 0.3060, 0.2602

Rectangle

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



44.5407, 0.4163, 0.3667



44.5407, 0.3776, 0.4185



44.5407, 0.2190, 0.2783



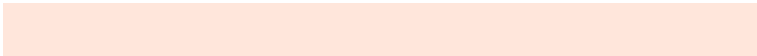
44.5407, 0.2469, 0.2468

Sweetspot

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



44.5429, 0.4163, 0.3667



83.2193, 0.3371, 0.3402



37.2009, 0.3490, 0.2481



17.3038, 0.3415, 0.3420



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.



44.5429, 0.4163, 0.3667



47.7626, 0.4460, 0.3732



66.5213, 0.3893, 0.4208



15.8196, 0.3285, 0.3364



12.6977, 0.5931, 0.3673



1.1630, 0.5660, 0.3888

Inverse Universe

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



52.2816, 0.2446, 0.2865



58.1595, 0.2329, 0.2764



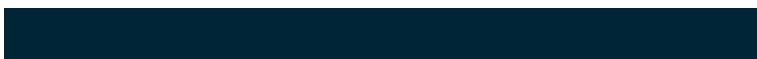
32.0876, 0.2320, 0.2156



16.2841, 0.2981, 0.3215



17.9155, 0.1956, 0.2241



1.5770, 0.2001, 0.2404

Previews

White Background



This preview shows how the Yxy color 44.5407, 0.4163, 0.3667 looks on a white background.

Color Contrast Check

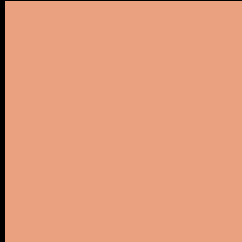
Large Text (above 18pt) WCAG AA × Fail

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 44.5407, 0.4163, 0.3667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

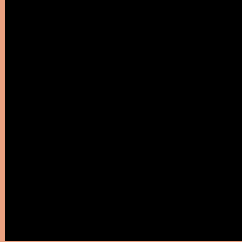
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.5407, 0.4163, 0.3667

Background



This preview shows how black text looks on a background with the Yxy color 44.5407, 0.4163, 0.3667.



This preview shows how white text looks on a background with the Yxy color 44.5407, 0.4163, 0.3667.

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

44.5407, 0.4163, 0.3667

Protanopia

44.6947, 0.3600, 0.3844

Deuteranopia

44.6292, 0.3918, 0.3845



Tritanopia

44.5715, 0.3823, 0.3168

Trichromacy



Original Color

44.5407, 0.4163, 0.3667

Protanomaly

44.4639, 0.3803, 0.3781

Deuteranomaly

44.3854, 0.4007, 0.3771

Tritanomaly

44.5865, 0.3949, 0.3349

Monochromacy



Original Color

44.5407, 0.4163, 0.3667

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 44.5407, 0.4163, 0.3667 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, 128)` looks like.

```
.text, #text, p{  
    color:rgb(234, 161, 128)  
}
```

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, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 161, 128) }
```

Border

The CSS property to change the border of an element to Yxy 44.5407, 0.4163, 0.3667 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, 128) }
```

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

```
.border{ border-color:rgb(234, 161, 128) }
```

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, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 161, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 161, 128);  
box-shadow:4px 4px 4px 4px rgb(234, 161,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5407, 0.4163, 0.3667 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, 128) }
```

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

```
.background{ background-color: rgb(234,  
161, 128) }
```

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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