

Converting Colors

$Yxy(45.3159, 0.4158, 0.3801)$

Have a look what the booklet for
Yxy(45.3159, 0.4158, 0.3801)
contains.

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Color

Yxy(45.4759, 0.4163, 0.3807)

Conversions

Conversions Part 1

Format	Color
Hex	E6A679
RGB	230, 166, 121
RGB Percent	90%, 65%, 47%
CMY	0.0979, 0.3491, 0.5254
CMYK	0.00, 0.28, 0.47, 0.10
HSL	25°, 69%, 69%
HSV	25°, 47%, 90%
XYZ	49.7284, 45.4759, 24.2490
YIQ	180.0060, 52.5890, -0.4270

Conversions

Conversions Part 2

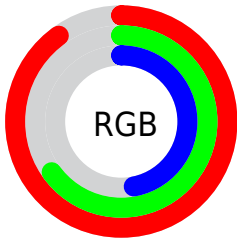
Format	Color
R _Y B	230, 198, 121
Decimal	15115897
CIE Lab	73.20, 18.39, 32.57
CIE LCh	73, 37.406, 60.544
Yxy	45.4759, 0.4163, 0.3807
Android (android.graphics.Color)	4293305977 (0xFFE6A679)
YUV	180.0060, -29.0900, 43.8447
Hunter-Lab	67.4358, 13.6166, 25.8852

Details

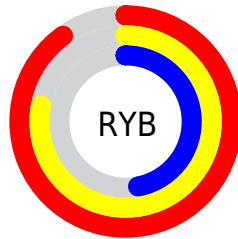
The Yxy color $45.4759, 0.4163, 0.3807$ is a light color, and the websafe version is hex $CC9966$. A complement of this color would be $44.5000, 0.2390, 0.2690$, and the grayscale version is $45.7854, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.0289, 0.3708, 0.3772$, and $21.2732, 0.4446, 0.3908$ is the 20% darker color. If you saturate the color by 10%, you get $40.3224, 0.4464, 0.3900$, and if you desaturate by 10%, it is $51.2846, 0.3888, 0.3699$.

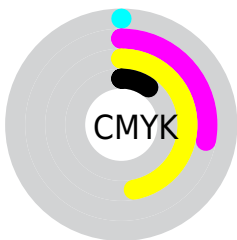
Distribution



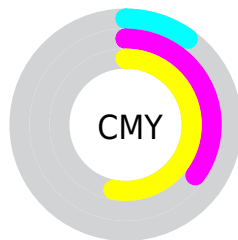
- Red (90%)
- Green (65%)
- Blue (47%)



- Red (90%)
- Yellow (78%)
- Blue (47%)



- Cyan (0%)
- Magenta (28%)
- Yellow (47%)
- Black (10%)





- Cyan (10%)
- Magenta (35%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.4759, 0.4163, 0.3807 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 45.4759, 0.4163, 0.3807 by changing the saturation by 10% instead.


 45.4759, 0.4163,
0.3807


 45.4759, 0.4163,
0.3807


368.6976, 0.3643,
0.3572


 31.8324, 0.4290,
0.3856


 83.4341, 0.3976,
0.3728

 21.2335, 0.4450,
0.3913


 108.5176, 0.3905,
0.3697

 13.2948, 0.4657,
0.3976


 138.1833, 0.3844,
0.3669

 7.6319, 0.4930,
0.4041

172.8155, 0.3793,
0.3645

 3.8603, 0.5332,
0.4114

212.7986, 0.3748,
0.3623

 1.5957, 0.5886,
0.4114

258.5171, 0.3709,

 0.3547, 0.6891,

0.3604

0.3109

310.3553, 0.3674,
0.3587

0.0000, 0.0000,
0.0000

45.4759, 0.4163,
0.3807

45.4759, 0.4163,
0.3807

40.3224, 0.4464,
0.3900

51.2846, 0.3888,
0.3699

35.7917, 0.4781,
0.3967

57.7658, 0.3644,
0.3586

31.8586, 0.5097,
0.3994


64.9441, 0.3431,
0.3474

28.4923, 0.5386,
0.3970


72.8411, 0.3246,
0.3366

25.6572, 0.5626,
0.3893

81.4772, 0.3088,
0.3264

 24.9959, 0.5684,
0.3869

 90.6096, 0.2975,
0.3210

 95.5681, 0.2976,
0.3290

Harmonies

Analogous

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



45.4759, 0.4111, 0.3398



45.4759, 0.4163, 0.3807



45.4759, 0.3917, 0.4133

Triad

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



45.4759, 0.4163, 0.3807



45.4759, 0.2501, 0.3577



45.4759, 0.2729, 0.2485

Complementary

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



45.4759, 0.4163, 0.3807



44.5000, 0.2390, 0.2690

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.



45.4759, 0.2356, 0.2472



45.4759, 0.4163, 0.3807



45.4759, 0.2232, 0.3053

Square

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



45.4759, 0.4163, 0.3807



45.4759, 0.2948, 0.4046



45.4759, 0.2183, 0.2661



45.4759, 0.3242, 0.2673

Rectangle

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



45.4759, 0.4163, 0.3807



45.4759, 0.3632, 0.4241



45.4759, 0.2183, 0.2661



45.4759, 0.2585, 0.2459

Sweetspot

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



45.4781, 0.4163, 0.3807



85.2526, 0.3366, 0.3437



34.0688, 0.3634, 0.2558



17.7961, 0.3408, 0.3461



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.



45.4781, 0.4163, 0.3807



50.9851, 0.4462, 0.3900



68.9392, 0.3876, 0.4348



15.3398, 0.3282, 0.3387



14.3747, 0.5657, 0.3891



1.2417, 0.5394, 0.4099

Inverse Universe

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



44.5000, 0.2390, 0.2690



49.5566, 0.2250, 0.2537



26.2597, 0.2252, 0.1945



15.2871, 0.2981, 0.3191



13.3078, 0.1856, 0.1883



1.1654, 0.1919, 0.2109

Previews

White Background



This preview shows how the Yxy color 45.4759, 0.4163, 0.3807 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 45.4759, 0.4163, 0.3807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

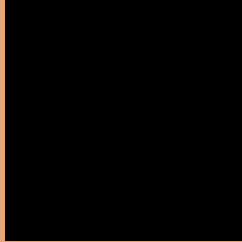
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.4759, 0.4163, 0.3807

Background



This preview shows how black text looks on a background with the Yxy color 45.4759, 0.4163, 0.3807.



This preview shows how white text looks on a background with the Yxy color 45.4759, 0.4163, 0.3807.

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

45.4759, 0.4163, 0.3807

Protanopia

45.6442, 0.3697, 0.3979

Deuteranopia

45.4600, 0.4005, 0.3918



Tritanopia

45.2290, 0.3745, 0.3155

Trichromacy



Original Color

45.4759, 0.4163, 0.3807

Protanomaly

45.4060, 0.3860, 0.3915

Deuteranomaly

45.4777, 0.4063, 0.3884

Tritanomaly

45.4642, 0.3904, 0.3395

Monochromacy



Original Color

45.4759, 0.4163, 0.3807

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.1689, 0.3473, 0.3496

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.4759, 0.4163, 0.3807 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(230, 166, 121)` looks like.

```
.text, #text, p{  
    color:rgb(230, 166, 121)  
}
```

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(230, 166, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 166, 121) }
```

Border

The CSS property to change the border of an element to Yxy 45.4759, 0.4163, 0.3807 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(230, 166, 121) }
```

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

```
.border{ border-color:rgb(230, 166, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 166, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 166, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 166, 121);  
box-shadow:4px 4px 4px 4px rgb(230, 166,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 45.4759, 0.4163, 0.3807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 166, 121) }
```

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

```
.background{ background-color: rgb(230,  
166, 121) }
```

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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