

Converting Colors

$Y_{xy}(45.5924, 0.4250, 0.3695)$

Have a look what the booklet for
Yxy(45.5924, 0.4250, 0.3695)
contains.

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Color

Yxy(45.4957, 0.4248, 0.3690)

Conversions

Conversions Part 1

Format	Color
Hex	F0A17D
RGB	240, 161, 125
RGB Percent	94%, 63%, 49%
CMY	0.0589, 0.3686, 0.5098
CMYK	0.00, 0.33, 0.48, 0.06
HSL	19°, 79%, 72%
HSV	19°, 48%, 94%
XYZ	52.3755, 45.4957, 25.4233
YIQ	180.5170, 58.6400, 5.5520

Conversions

Conversions Part 2

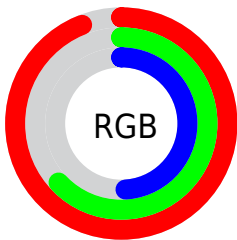
Format	Color
RYB	240, 177, 125
Decimal	15769981
CIELab	73.22, 25.36, 30.67
CIELCh	73, 39.797, 50.406
Yxy	45.4957, 0.4248, 0.3690
Android (android.graphics.Color)	4293960061 (0xFFFF0A17D)
YUV	180.5170, -27.3699, 52.1666
Hunter-Lab	67.4505, 20.5675, 24.8679

Details

The Yxy color **45.4957, 0.4248, 0.3690** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **53.8158, 0.2409, 0.2833**, and the grayscale version is **46.0622, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.5861, 0.3694, 0.3682**, and **21.2828, 0.4556, 0.3754** is the 20% darker color. If you saturate the color by 10%, you get **39.5707, 0.4590, 0.3758**, and if you desaturate by 10%, it is **52.3325, 0.3942, 0.3608**.

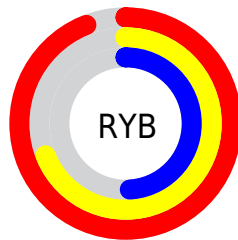
Distribution



Red (94%)

Green (63%)

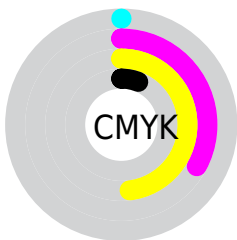
Blue (49%)



Red (94%)

Yellow (69%)

Blue (49%)

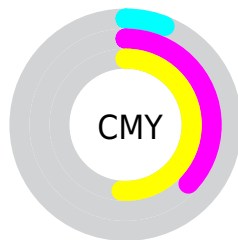


Cyan (0%)

Magenta (33%)

Yellow (48%)

Black (6%)



Cyan (6%)


Magenta (37%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.4957, 0.4248, 0.3690 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 45.4957, 0.4248, 0.3690 by changing the saturation by 10% instead.


 45.4957, 0.4248,
0.3690


 45.4957, 0.4248,
0.3690


368.7775, 0.3684,
0.3517

 31.8481, 0.4387,
0.3723


 83.4638, 0.4044,
0.3635

 21.2455, 0.4563,
0.3758


 108.5530, 0.3967,
0.3612

 13.3035, 0.4791,
0.3794

 138.2248, 0.3901,
0.3591

 7.6379, 0.5096,
0.3821

172.8637, 0.3845,
0.3573

 3.8641, 0.5528,
0.3824

212.8540, 0.3797,
0.3557

 1.5979, 0.6224,
0.3776

258.5801, 0.3754,

 0.3562, 0.7300,

0.3542

0.2700

310.4265, 0.3717,
0.3529

0.0000, 0.0000,
0.0000

45.4957, 0.4248,
0.3690

45.4957, 0.4248,
0.3690

39.5707, 0.4590,
0.3758

52.3325, 0.3942,
0.3608

34.5105, 0.4954,
0.3800

60.1121, 0.3676,
0.3522

30.2737, 0.5318,
0.3804

68.8719, 0.3450,
0.3435

26.8119, 0.5647,
0.3762

78.6456, 0.3257,
0.3352

24.0690, 0.5908,
0.3672

89.4650, 0.3096,
0.3274

■ 23.5768, 0.5957,
0.3652

■ 97.2609, 0.3035,
0.3290

Harmonies

Analogous

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



45.4957, 0.4081, 0.3252



45.4957, 0.4248, 0.3690



45.4957, 0.4083, 0.4081

Triad

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



45.4957, 0.4248, 0.3690



45.4957, 0.2605, 0.3785



45.4957, 0.2550, 0.2412

Complementary

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



45.4957, 0.4248, 0.3690



53.8158, 0.2409, 0.2833

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.



45.4957, 0.2225, 0.2466



45.4957, 0.4248, 0.3690



45.4957, 0.2250, 0.3215

Square

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



45.4957, 0.4248, 0.3690



45.4957, 0.3119, 0.4211



45.4957, 0.2120, 0.2737



45.4957, 0.3054, 0.2553

Rectangle

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



45.4957, 0.4248, 0.3690



45.4957, 0.3823, 0.4256



45.4957, 0.2120, 0.2737



45.4957, 0.2419, 0.2407

Sweetspot

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



45.4979, 0.4248, 0.3690



83.2534, 0.3371, 0.3402



37.6198, 0.3519, 0.2436



17.3120, 0.3415, 0.3421



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.



45.4979, 0.4248, 0.3690



45.8817, 0.4564, 0.3754



69.6172, 0.3941, 0.4258



16.5667, 0.3285, 0.3365



13.1185, 0.5928, 0.3675



1.2626, 0.5671, 0.3879

Inverse Universe

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



53.8158, 0.2409, 0.2833



56.3432, 0.2291, 0.2726



31.8287, 0.2268, 0.2076



17.0449, 0.2981, 0.3214



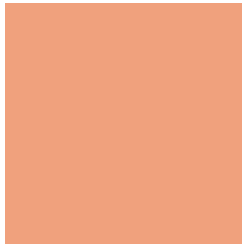
18.3874, 0.1954, 0.2234



1.7066, 0.1997, 0.2390

Previews

White Background



This preview shows how the Yxy color 45.4957, 0.4248, 0.3690 looks on a white background.

Color Contrast Check

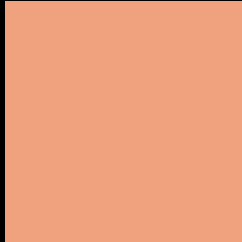
Large Text (above 18pt) WCAG AA × Fail

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 45.4957, 0.4248, 0.3690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

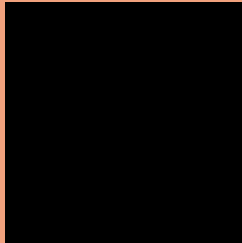
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.4957, 0.4248, 0.3690

Background



This preview shows how black text looks on a background with the Yxy color 45.4957, 0.4248, 0.3690.



This preview shows how white text looks on a background with the Yxy color 45.4957, 0.4248, 0.3690.

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

45.4957, 0.4248, 0.3690

Protanopia

45.6734, 0.3637, 0.3904

Deuteranopia

45.3822, 0.3969, 0.3886



Tritanopia

45.2874, 0.3884, 0.3160

Trichromacy



Original Color

45.4957, 0.4248, 0.3690

Protanomaly

45.2005, 0.3854, 0.3824

Deuteranomaly

45.3078, 0.4067, 0.3809

Tritanomaly

45.2582, 0.4020, 0.3348

Monochromacy



Original Color

45.4957, 0.4248, 0.3690

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.4019, 0.3495, 0.3456

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.4957, 0.4248, 0.3690 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(240, 161, 125)` looks like.

```
.text, #text, p{  
    color:rgb(240, 161, 125)  
}
```

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(240, 161, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 161, 125) }
```

Border

The CSS property to change the border of an element to Yxy 45.4957, 0.4248, 0.3690 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(240, 161, 125) }
```

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

```
.border{ border-color:rgb(240, 161, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 161, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 161, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 161, 125);  
box-shadow:4px 4px 4px 4px rgb(240, 161,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 45.4957, 0.4248, 0.3690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 161, 125) }
```

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

```
.background{ background-color: rgb(240,  
161, 125) }
```

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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