

Converting Colors

$Y_{xy}(45.1048, 0.4347, 0.3771)$

Have a look what the booklet for
Yxy(45.1048, 0.4347, 0.3771)
contains.

Yxy(45.1033, 0.4348, 0.3771)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(45.1033, 0.4348, 0.3771)

Conversions

Conversions Part 1

Format	Color
Hex	F1A074
RGB	241, 160, 116
RGB Percent	95%, 63%, 45%
CMY	0.0548, 0.3726, 0.5450
CMYK	0.00, 0.34, 0.52, 0.05
HSL	21°, 82%, 70%
HSV	21°, 52%, 95%
XYZ	52.0045, 45.1033, 22.4978
YIQ	179.2030, 62.4000, 3.4880

Conversions

Conversions Part 2

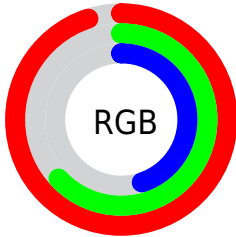
Format	Color
R_{YB}	241, 184, 116
Decimal	15835252
CIE _{Lab}	72.96, 25.50, 35.14
CIE _{LCh}	73, 43.420, 54.030
Yxy	45.1033, 0.4348, 0.3771
Android (android.graphics.Color)	4294025332 (0xFFFF1A074)
YUV	179.2030, -31.1591, 54.1960
Hunter-Lab	67.1590, 20.6932, 27.1495

Details

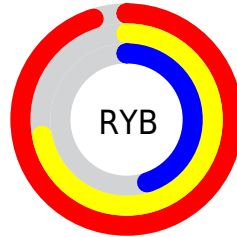
The Yxy color **45.1033, 0.4348, 0.3771** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **50.0246, 0.2344, 0.2723**, and the grayscale version is **45.3403, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.7255, 0.3764, 0.3765**, and **21.0755, 0.4687, 0.3848** is the 20% darker color. If you saturate the color by 10%, you get **39.5345, 0.4685, 0.3839**, and if you desaturate by 10%, it is **51.5029, 0.4040, 0.3684**.

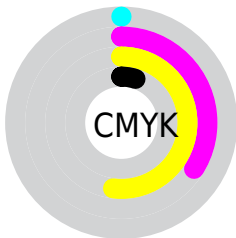
Distribution



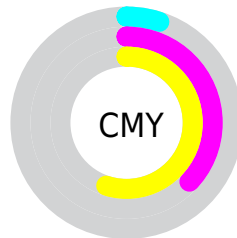
- Red (95%)
- Green (63%)
- Blue (45%)



- Red (95%)
- Yellow (72%)
- Blue (45%)



- Cyan (0%)
- Magenta (34%)
- Yellow (52%)
- Black (5%)





- Cyan (5%)
- Magenta (37%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.1033, 0.4348, 0.3771 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 45.1033, 0.4348, 0.3771 by changing the saturation by 10% instead.

 45.1033, 0.4348,
0.3771


 45.1033, 0.4348,
0.3771


367.1918, 0.3735,
0.3564

 31.5388, 0.4497,
0.3809


 82.8754, 0.4127,
0.3705

 21.0095, 0.4684,
0.3850


 107.8518, 0.4044,
0.3678

 13.1309, 0.4925,
0.3889


 137.4009, 0.3973,
0.3653

 7.5188, 0.5238,
0.3914

171.9072, 0.3912,
0.3632

 3.7886, 0.5731,
0.3945

211.7551, 0.3859,
0.3612

 1.5560, 0.6241,
0.3759

257.3288, 0.3812,

 0.3277, 0.7410,

0.3595

0.2590

309.0129, 0.3772,
0.3579

0.0000, 0.0000,
0.0000

45.1033, 0.4348,
0.3771

45.1033, 0.4348,
0.3771

39.5345, 0.4685,
0.3839

51.5029, 0.4040,
0.3684

34.7531, 0.5034,
0.3876

58.7606, 0.3767,
0.3588

30.7213, 0.5371,
0.3869

66.9108, 0.3530,
0.3490

27.3948, 0.5664,
0.3810

75.9837, 0.3328,
0.3396

25.1654, 0.5858,
0.3731

86.0080, 0.3156,
0.3306

96.6424, 0.3042,
0.3277

97.4436, 0.3042,
0.3290

Harmonies

Analogous

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



45.1033, 0.4213, 0.3299



45.1033, 0.4348, 0.3771



45.1033, 0.4122, 0.4187

Triad

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



45.1033, 0.4348, 0.3771



45.1033, 0.2497, 0.3760



45.1033, 0.2555, 0.2348

Complementary

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



45.1033, 0.4348, 0.3771



50.0246, 0.2344, 0.2723

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.



45.1033, 0.2179, 0.2376



45.1033, 0.4348, 0.3771



45.1033, 0.2144, 0.3129

Square

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



45.1033, 0.4348, 0.3771



45.1033, 0.3040, 0.4267



45.1033, 0.2037, 0.2635



45.1033, 0.3119, 0.2523

Rectangle

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



45.1033, 0.4348, 0.3771



45.1033, 0.3818, 0.4367



45.1033, 0.2037, 0.2635



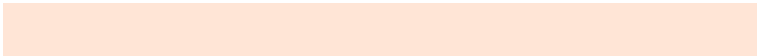
45.1033, 0.2405, 0.2333

Sweetspot

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



45.1055, 0.4348, 0.3771



81.9158, 0.3409, 0.3435



35.2460, 0.3633, 0.2432



17.0787, 0.3451, 0.3454



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.



45.1055, 0.4348, 0.3771



44.7438, 0.4696, 0.3841



72.3509, 0.3977, 0.4384



16.6683, 0.3284, 0.3374



13.8736, 0.5828, 0.3754



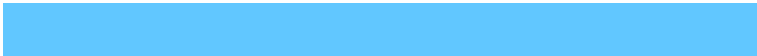
1.3346, 0.5576, 0.3954

Inverse Universe

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



50.0246, 0.2344, 0.2723



50.7822, 0.2214, 0.2586



27.3342, 0.2174, 0.1874



16.9388, 0.2980, 0.3205



16.6424, 0.1916, 0.2096



1.5706, 0.1964, 0.2271

Previews

White Background



This preview shows how the Yxy color 45.1033, 0.4348, 0.3771 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 45.1033, 0.4348, 0.3771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

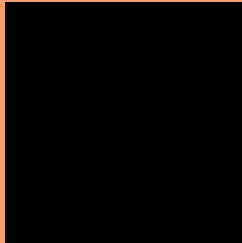
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.1033, 0.4348, 0.3771

Background



This preview shows how black text looks on a background with the Yxy color 45.1033, 0.4348, 0.3771.



This preview shows how white text looks on a background with the Yxy color 45.1033, 0.4348, 0.3771.

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

45.1033, 0.4348, 0.3771

Protanopia

45.1648, 0.3726, 0.4006

Deuteranopia

44.9397, 0.4062, 0.3976



Tritanopia

45.2403, 0.3927, 0.3172

Trichromacy



Original Color

45.1033, 0.4348, 0.3771

Protanomaly

44.7344, 0.3948, 0.3919

Deuteranomaly

44.8828, 0.4164, 0.3896

Tritanomaly

45.1166, 0.4094, 0.3392

Monochromacy



Original Color

45.1033, 0.4348, 0.3771

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.4619, 0.3546, 0.3495

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.1033, 0.4348, 0.3771 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(241, 160, 116)` looks like.

```
.text, #text, p{  
    color:rgb(241, 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(241, 160, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 160, 116) }
```

Border

The CSS property to change the border of an element to Yxy 45.1033, 0.4348, 0.3771 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(241, 160, 116) }
```

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

```
.border{ border-color:rgb(241, 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(241, 160, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 160, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 160, 116);  
box-shadow:4px 4px 4px 4px rgb(241, 160,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 45.1033, 0.4348, 0.3771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 160, 116) }
```

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

```
.background{ background-color: rgb(241,  
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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