

Converting Colors

$Y_{xy}(47.1016, 0.4231, 0.3717)$

Have a look what the booklet for
Yxy(47.1016, 0.4231, 0.3717)
contains.

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Color

Yxy(47.1174, 0.4225, 0.3721)

Conversions

Conversions Part 1

Format	Color
Hex	F1A57E
RGB	241, 165, 126
RGB Percent	95%, 65%, 49%
CMY	0.0549, 0.3529, 0.5059
CMYK	0.00, 0.32, 0.48, 0.05
HSL	20°, 80%, 72%
HSV	20°, 48%, 95%
XYZ	53.4993, 47.1174, 26.0089
YIQ	183.2780, 57.8150, 3.9830

Conversions

Conversions Part 2

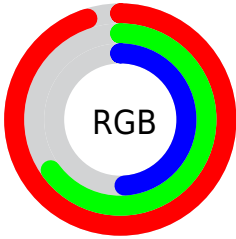
Format	Color
R_{YB}	241, 185, 126
Decimal	15836542
CIE _{Lab}	74.26, 23.76, 31.54
CIE _{LCh}	74, 39.484, 53.004
Yxy	47.1174, 0.4225, 0.3721
Android (android.graphics.Color)	4294026622 (0xFFFF1A57E)
YUV	183.2780, -28.2381, 50.6222
Hunter-Lab	68.6421, 18.9983, 25.5841

Details

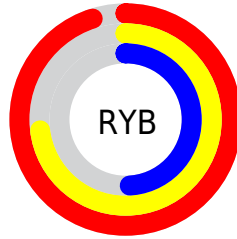
The Yxy color **47.1174, 0.4225, 0.3721** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **53.0274, 0.2404, 0.2795**, and the grayscale version is **47.6497, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.7011, 0.3675, 0.3711**, and **22.2771, 0.4529, 0.3807** is the 20% darker color. If you saturate the color by 10%, you get **41.1785, 0.4556, 0.3795**, and if you desaturate by 10%, it is **53.9263, 0.3927, 0.3632**.

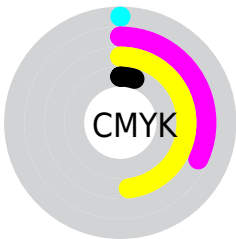
Distribution



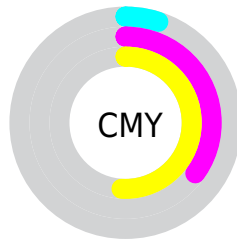
- Red (95%)
- Green (65%)
- Blue (49%)



- Red (95%)
- Yellow (73%)
- Blue (49%)



- Cyan (0%)
- Magenta (32%)
- Yellow (48%)
- Black (5%)





- Cyan (5%)
- Magenta (35%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.1174, 0.4225, 0.3721 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 47.1174, 0.4225, 0.3721 by changing the saturation by 10% instead.


 47.1174, 0.4225,
0.3721

 47.1174, 0.4225,
0.3721


375.2829, 0.3676,
0.3533

 33.1285, 0.4359,
0.3758


 85.8888, 0.4027,
0.3660

 22.2249, 0.4528,
0.3798


 111.4401, 0.3952,
0.3635

 14.0222, 0.4746,
0.3841


 141.6144, 0.3889,
0.3613

 8.1361, 0.5036,
0.3877


176.7959, 0.3834,
0.3593

 4.1822, 0.5437,
0.3893

217.3691, 0.3787,
0.3576

 1.7760, 0.6109,
0.3891

263.7184, 0.3745,

 0.4721, 0.6884,

0.3560

0.3116

316.2282, 0.3708,
0.3546

0.0000, 0.0000,
0.0000

47.1174, 0.4225,
0.3721

47.1174, 0.4225,
0.3721

41.1785, 0.4556,
0.3795

53.9263, 0.3927,
0.3632

36.0654, 0.4909,
0.3844

61.6330, 0.3667,
0.3539

31.7404, 0.5260,
0.3854

70.2725, 0.3444,
0.3445

28.1591, 0.5580,
0.3815

79.8755, 0.3254,
0.3355

25.2699, 0.5838,
0.3727

90.4717, 0.3093,
0.3271

■ 24.6992, 0.5891,
0.3704

■ 97.4431, 0.3042,
0.3290

Harmonies

Analogous

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



47.1174, 0.4089, 0.3291



47.1174, 0.4225, 0.3721



47.1174, 0.4038, 0.4095

Triad

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



47.1174, 0.4225, 0.3721



47.1174, 0.2577, 0.3728



47.1174, 0.2598, 0.2432

Complementary

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



47.1174, 0.4225, 0.3721



53.0274, 0.2404, 0.2795

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.



47.1174, 0.2260, 0.2468



47.1174, 0.4225, 0.3721



47.1174, 0.2245, 0.3170

Square

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



47.1174, 0.4225, 0.3721



47.1174, 0.3073, 0.4167



47.1174, 0.2138, 0.2717



47.1174, 0.3104, 0.2585

Rectangle

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



47.1174, 0.4225, 0.3721



47.1174, 0.3772, 0.4253



47.1174, 0.2138, 0.2717



47.1174, 0.2463, 0.2422

Sweetspot

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



47.1197, 0.4225, 0.3721



83.7710, 0.3370, 0.3411



37.9178, 0.3558, 0.2476



17.4372, 0.3413, 0.3431



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.



47.1197, 0.4225, 0.3721



47.1567, 0.4537, 0.3792



72.3679, 0.3919, 0.4289



16.6351, 0.3285, 0.3371



13.6159, 0.5862, 0.3728



1.3103, 0.5608, 0.3930

Inverse Universe

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



53.0274, 0.2404, 0.2795



54.5117, 0.2280, 0.2677



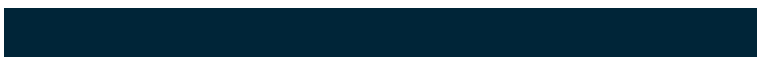
31.0857, 0.2262, 0.2030



16.9734, 0.2980, 0.3208



17.1987, 0.1928, 0.2141



1.6142, 0.1975, 0.2310

Previews

White Background



This preview shows how the Yxy color 47.1174, 0.4225, 0.3721 looks on a white background.

Color Contrast Check

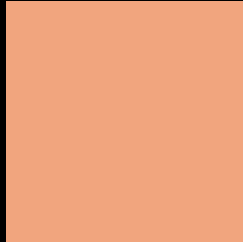
Large Text (above 18pt) WCAG AA × Fail

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 47.1174, 0.4225, 0.3721 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 47.1174, 0.4225, 0.3721

Background



This preview shows how black text looks on a background with the Yxy color 47.1174, 0.4225, 0.3721.



This preview shows how white text looks on a background with the Yxy color 47.1174, 0.4225, 0.3721.

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

47.1174, 0.4225, 0.3721

Protanopia

47.4585, 0.3655, 0.3919

Deuteranopia

47.1752, 0.3982, 0.3899



Tritanopia

47.1490, 0.3849, 0.3161

Trichromacy



Original Color

47.1174, 0.4225, 0.3721

Protanomaly

46.8355, 0.3860, 0.3841

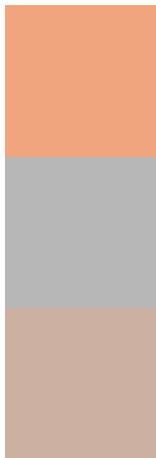
Deuteranomaly

46.9374, 0.4070, 0.3825

Tritanomaly

47.0894, 0.3992, 0.3359

Monochromacy



Original Color

47.1174, 0.4225, 0.3721

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

46.4967, 0.3500, 0.3467

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.1174, 0.4225, 0.3721 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, 165, 126)` looks like.

```
.text, #text, p{  
    color:rgb(241, 165, 126)  
}
```

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, 165, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 165, 126) }
```

Border

The CSS property to change the border of an element to Yxy 47.1174, 0.4225, 0.3721 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, 165, 126) }
```

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

```
.border{ border-color:rgb(241, 165, 126) }
```

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

Here you see how a box with a 4 pixel rgb(241, 165, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 165, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 165, 126);  
box-shadow:4px 4px 4px 4px rgb(241, 165,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 47.1174, 0.4225, 0.3721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 165, 126) }
```

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

```
.background{ background-color: rgb(241,  
165, 126) }
```

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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