

Converting Colors

$Y_{xy}(47.6129, 0.4241, 0.3717)$

Have a look what the booklet for
Yxy(47.6129, 0.4241, 0.3717)
contains.

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Color

Yxy(47.4713, 0.4243, 0.3717)

Conversions

Conversions Part 1

Format	Color
Hex	F3A57E
RGB	243, 165, 126
RGB Percent	95%, 65%, 49%
CMY	0.0470, 0.3530, 0.5058
CMYK	0.00, 0.32, 0.48, 0.05
HSL	20°, 83%, 72%
HSV	20°, 48%, 95%
XYZ	54.1891, 47.4713, 26.0537
YIQ	183.8760, 59.0070, 4.4070

Conversions

Conversions Part 2

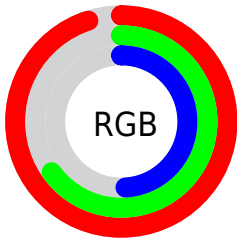
Format	Color
R_{YB}	243, 185, 126
Decimal	15967614
CIE _{Lab}	74.49, 24.55, 31.85
CIE _{LCh}	74, 40.218, 52.372
Yxy	47.4713, 0.4243, 0.3717
Android (android.graphics.Color)	4294157694 (0xFFFF3A57E)
YUV	183.8760, -28.5329, 51.8517
Hunter-Lab	68.8994, 19.8154, 25.8096

Details

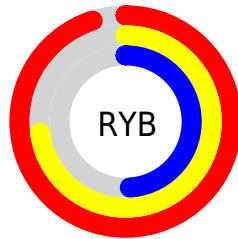
The Yxy color **47.4713, 0.4243, 0.3717** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **54.1181, 0.2400, 0.2799**, and the grayscale version is **47.9993, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.7011, 0.3675, 0.3711**, and **22.5224, 0.4552, 0.3800** is the 20% darker color. If you saturate the color by 10%, you get **41.4399, 0.4578, 0.3789**, and if you desaturate by 10%, it is **54.4007, 0.3942, 0.3630**.

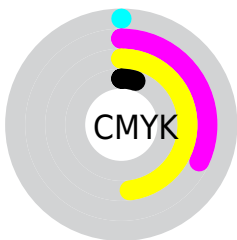
Distribution



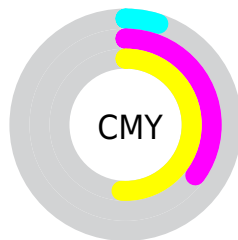
- Red (95%)
- Green (65%)
- Blue (49%)



- 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 47.4713, 0.4243, 0.3717 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 47.4713, 0.4243, 0.3717 by changing the saturation by 10% instead.


 47.4713, 0.4243,
0.3717


 47.4713, 0.4243,
0.3717


376.6926, 0.3686,
0.3532


 33.4084, 0.4379,
0.3752


 86.4167, 0.4042,
0.3658

 22.4395, 0.4550,
0.3791


 112.0680, 0.3966,
0.3633

 14.1802, 0.4771,
0.3831


 142.3508, 0.3902,
0.3611

 8.2461, 0.5062,
0.3865

177.6497, 0.3846,
0.3592

 4.2528, 0.5465,
0.3874

218.3489, 0.3798,
0.3575

 1.8160, 0.6137,
0.3863

264.8328, 0.3756,

 0.4971, 0.6875,

0.3559

0.3125

317.4860, 0.3719,
0.3545

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

47.4713, 0.4243,
0.3717

47.4713, 0.4243,
0.3717

41.4399, 0.4578,
0.3789

54.4007, 0.3942,
0.3630

36.2605, 0.4934,
0.3835


62.2572, 0.3679,
0.3538

31.8935, 0.5288,
0.3842

71.0774, 0.3453,
0.3446


28.2924, 0.5608,
0.3799

80.8934, 0.3261,
0.3358

 25.4024, 0.5865,
0.3710

 91.7362, 0.3099,
0.3275

 24.9352, 0.5908,
0.3691

 97.7979, 0.3054,
0.3290

Harmonies

Analogous

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



47.4713, 0.4098, 0.3281



47.4713, 0.4243, 0.3717



47.4713, 0.4059, 0.4099

Triad

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



47.4713, 0.4243, 0.3717



47.4713, 0.2577, 0.3747



47.4713, 0.2580, 0.2419

Complementary

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



47.4713, 0.4243, 0.3717



54.1181, 0.2400, 0.2799

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.



47.4713, 0.2242, 0.2459



47.4713, 0.4243, 0.3717



47.4713, 0.2237, 0.3179

Square

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



47.4713, 0.4243, 0.3717



47.4713, 0.3083, 0.4188



47.4713, 0.2123, 0.2715



47.4713, 0.3091, 0.2570

Rectangle

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



47.4713, 0.4243, 0.3717



47.4713, 0.3791, 0.4265



47.4713, 0.2123, 0.2715



47.4713, 0.2445, 0.2409

Sweetspot

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



47.4736, 0.4243, 0.3717



83.6495, 0.3370, 0.3409



38.4409, 0.3542, 0.2450



17.4078, 0.3413, 0.3429



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.



47.4736, 0.4243, 0.3717



46.2234, 0.4578, 0.3789



72.5789, 0.3936, 0.4280



17.3843, 0.3285, 0.3369



13.9039, 0.5879, 0.3714



1.4033, 0.5637, 0.3906

Inverse Universe

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



54.1181, 0.2400, 0.2799



54.3669, 0.2271, 0.2676



31.9250, 0.2258, 0.2042



17.7734, 0.2980, 0.3209



18.0028, 0.1934, 0.2162



1.7707, 0.1978, 0.2320

Previews

White Background



This preview shows how the Yxy color 47.4713, 0.4243, 0.3717 looks on a white background.

Color Contrast Check

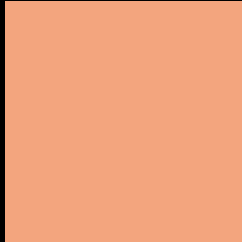
Large Text (above 18pt) WCAG AA × Fail

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 47.4713, 0.4243, 0.3717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

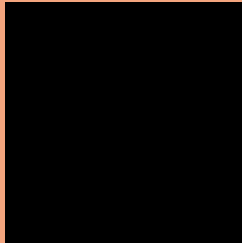
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.4713, 0.4243, 0.3717

Background



This preview shows how black text looks on a background with the Yxy color 47.4713, 0.4243, 0.3717.



This preview shows how white text looks on a background with the Yxy color 47.4713, 0.4243, 0.3717.

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

47.4713, 0.4243, 0.3717

Protanopia

47.4585, 0.3655, 0.3919

Deuteranopia

47.7215, 0.3986, 0.3908



Tritanopia

47.5107, 0.3867, 0.3162

Trichromacy



Original Color

47.4713, 0.4243, 0.3717

Protanomaly

46.9855, 0.3869, 0.3839

Deuteranomaly

47.4797, 0.4074, 0.3834

Tritanomaly

47.4491, 0.4010, 0.3358

Monochromacy



Original Color

47.4713, 0.4243, 0.3717

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.0678, 0.3498, 0.3466

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.4713, 0.4243, 0.3717 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(243, 165, 126)` looks like.

```
.text, #text, p{  
    color:rgb(243, 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(243, 165, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 165, 126) }
```

Border

The CSS property to change the border of an element to Yxy 47.4713, 0.4243, 0.3717 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(243, 165, 126) }
```

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

```
.border{ border-color:rgb(243, 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(243, 165, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 165, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 165, 126);  
box-shadow:4px 4px 4px 4px rgb(243, 165,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 47.4713, 0.4243, 0.3717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 165, 126) }
```

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

```
.background{ background-color: rgb(243,  
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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