

Converting Colors

$Y_{xy}(46.2655, 0.4295, 0.3677)$

Have a look what the booklet for
Yxy(46.2655, 0.4295, 0.3677)
contains.

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Color

Yxy(46.3829, 0.4294, 0.3682)

Conversions

Conversions Part 1

Format	Color
Hex	F5A17D
RGB	245, 161, 125
RGB Percent	96%, 63%, 49%
CMY	0.0394, 0.3685, 0.5099
CMYK	0.00, 0.34, 0.49, 0.04
HSL	18°, 86%, 73%
HSV	18°, 49%, 96%
XYZ	54.0924, 46.3829, 25.4967
YIQ	182.0120, 61.6200, 6.6120

Conversions

Conversions Part 2

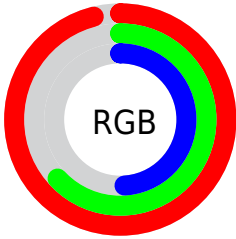
Format	Color
R_{YB}	245, 176, 125
Decimal	16097661
CIE _{Lab}	73.79, 27.31, 31.54
CIE _{LCh}	74, 41.723, 49.111
Yxy	46.3829, 0.4294, 0.3682
Android (android.graphics.Color)	4294287741 (0xFFF5A17D)
YUV	182.0120, -28.1069, 55.2405
Hunter-Lab	68.1050, 22.5899, 25.4769

Details

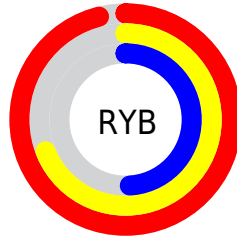
The Yxy color **46.3829, 0.4294, 0.3682** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **56.5093, 0.2398, 0.2840**, and the grayscale version is **46.9175, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.5861, 0.3694, 0.3682**, and **21.8844, 0.4627, 0.3752** is the 20% darker color. If you saturate the color by 10%, you get **40.2486, 0.4645, 0.3744**, and if you desaturate by 10%, it is **53.4971, 0.3980, 0.3605**.

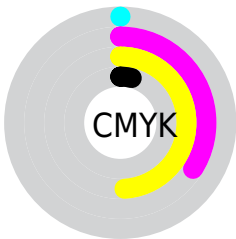
Distribution



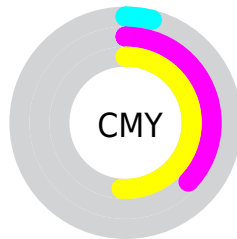
- Red (96%)
- Green (63%)
- Blue (49%)



- Red (96%)
- Yellow (69%)
- Blue (49%)



- Cyan (0%)
- Magenta (34%)
- Yellow (49%)
- Black (4%)




- Cyan (4%)
- Magenta (37%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.3829, 0.4294, 0.3682 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 46.3829, 0.4294, 0.3682 by changing the saturation by 10% instead.


 46.3829, 0.4294,
0.3682


 46.3829, 0.4294,
0.3682

372.3459, 0.3708,
0.3517


 32.5481, 0.4437,
0.3712


 84.7918, 0.4083,
0.3630

 21.7805, 0.4618,
0.3744


 110.1346, 0.4003,
0.3608

 13.6957, 0.4852,
0.3774


 140.0822, 0.3935,
0.3588

 7.9093, 0.5163,
0.3792

175.0190, 0.3877,
0.3571

 4.0370, 0.5598,
0.3781

215.3294, 0.3826,
0.3555

 1.6943, 0.6289,
0.3711

261.3977, 0.3782,

 0.4199, 0.7212,

0.3541

0.2788

313.6084, 0.3743,
0.3528

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 46.3829, 0.4294,
0.3682

■ 46.3829, 0.4294,
0.3682

■ 40.2486, 0.4645,
0.3744

■ 53.4971, 0.3980,
0.3605

■ 35.0425, 0.5017,
0.3780


■ 61.6260, 0.3707,
0.3522

■ 30.7185, 0.5385,
0.3778


■ 70.8110, 0.3474,
0.3438


■ 27.2226, 0.5712,
0.3728

■ 81.0890, 0.3277,
0.3358

 24.4901, 0.5967,
0.3635

 92.4953, 0.3112,
0.3283

 24.2495, 0.5990,
0.3626

 98.1460, 0.3066,
0.3290

Harmonies

Analogous

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



46.3829, 0.4106, 0.3229



46.3829, 0.4294, 0.3682



46.3829, 0.4134, 0.4094

Triad

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



46.3829, 0.4294, 0.3682



46.3829, 0.2603, 0.3831



46.3829, 0.2508, 0.2378

Complementary

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



46.3829, 0.4294, 0.3682



56.5093, 0.2398, 0.2840

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.



46.3829, 0.2182, 0.2441



46.3829, 0.4294, 0.3682



46.3829, 0.2227, 0.3234

Square

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



46.3829, 0.4294, 0.3682



46.3829, 0.3141, 0.4265



46.3829, 0.2084, 0.2731



46.3829, 0.3025, 0.2516

Rectangle

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



46.3829, 0.4294, 0.3682



46.3829, 0.3869, 0.4286



46.3829, 0.2084, 0.2731



46.3829, 0.2375, 0.2375

Sweetspot

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



46.3852, 0.4294, 0.3682



81.8765, 0.3392, 0.3406



38.6701, 0.3531, 0.2418



17.0274, 0.3435, 0.3423



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.



46.3852, 0.4294, 0.3682



44.0035, 0.4650, 0.3745



72.5817, 0.3961, 0.4279



17.2941, 0.3286, 0.3362



13.2789, 0.5961, 0.3649



1.3395, 0.5717, 0.3842

Inverse Universe

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



56.5093, 0.2398, 0.2840



56.1909, 0.2273, 0.2728



32.4365, 0.2246, 0.2042



17.8681, 0.2980, 0.3217



19.5769, 0.1967, 0.2279



1.9001, 0.2006, 0.2421

Previews

White Background



This preview shows how the Yxy color 46.3829, 0.4294, 0.3682 looks on a white background.

Color Contrast Check

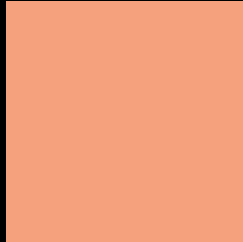
Large Text (above 18pt) WCAG AA × Fail

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 46.3829, 0.4294, 0.3682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

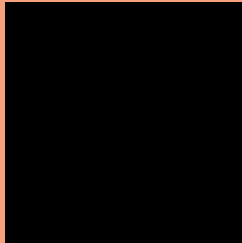
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.3829, 0.4294, 0.3682

Background



This preview shows how black text looks on a background with the Yxy color 46.3829, 0.4294, 0.3682.



This preview shows how white text looks on a background with the Yxy color 46.3829, 0.4294, 0.3682.

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

46.3829, 0.4294, 0.3682

Protanopia

46.7792, 0.3640, 0.3911

Deuteranopia

46.5827, 0.3995, 0.3913



Tritanopia

46.1892, 0.3931, 0.3163

Trichromacy



Original Color

46.3829, 0.4294, 0.3682

Protanomaly

46.0569, 0.3869, 0.3818

Deuteranomaly

46.3000, 0.4108, 0.3823

Tritanomaly

46.1551, 0.4067, 0.3347

Monochromacy



Original Color

46.3829, 0.4294, 0.3682

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

45.8244, 0.3523, 0.3454

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.3829, 0.4294, 0.3682 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(245, 161, 125)` looks like.

```
.text, #text, p{  
    color:rgb(245, 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(245, 161, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 161, 125) }
```

Border

The CSS property to change the border of an element to Yxy 46.3829, 0.4294, 0.3682 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(245, 161, 125) }
```

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

```
.border{ border-color:rgb(245, 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(245, 161, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 161, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 161, 125);  
box-shadow:4px 4px 4px 4px rgb(245, 161,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 46.3829, 0.4294, 0.3682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 161, 125) }
```

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

```
.background{ background-color: rgb(245,  
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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