

Converting Colors

Yxy(46.7251, 0.4187, 0.3643)

Have a look what the booklet for
Yxy(46.7251, 0.4187, 0.3643)
contains.

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Color

Yxy(46.5339, 0.4189, 0.3646)

Conversions

Conversions Part 1

Format	Color
Hex	F1A383
RGB	241, 163, 131
RGB Percent	95%, 64%, 51%
CMY	0.0550, 0.3607, 0.4863
CMYK	0.00, 0.32, 0.46, 0.05
HSL	17°, 80%, 73%
HSV	17°, 46%, 95%
XYZ	53.4642, 46.5339, 27.6319
YIQ	182.6740, 56.7600, 6.5840

Conversions

Conversions Part 2

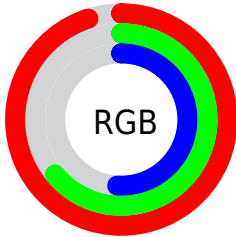
Format	Color
R_{YB}	241, 176, 131
Decimal	15836035
CIE _{Lab}	73.89, 25.28, 28.36
CIE _{LCh}	74, 37.993, 48.285
Yxy	46.5339, 0.4189, 0.3646
Android (android.graphics.Color)	4294026115 (0xFFFF1A383)
YUV	182.6740, -25.4753, 51.1519
Hunter-Lab	68.2158, 20.5221, 23.7347

Details

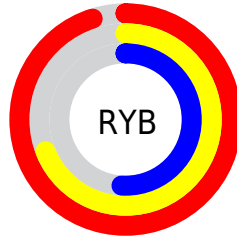
The Yxy color **46.5339, 0.4189, 0.3646** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **56.7517, 0.2445, 0.2890**, and the grayscale version is **47.2857, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.8635, 0.3645, 0.3640**, and **21.9080, 0.4486, 0.3714** is the 20% darker color. If you saturate the color by 10%, you get **40.2947, 0.4531, 0.3712**, and if you desaturate by 10%, it is **53.7489, 0.3886, 0.3569**.

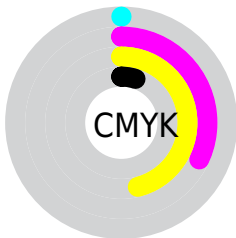
Distribution



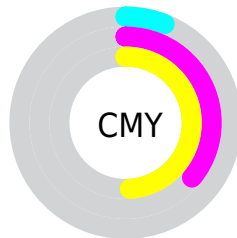
- Red (95%)
- Green (64%)
- Blue (51%)



- Red (95%)
- Yellow (69%)
- Blue (51%)



- Cyan (0%)
- Magenta (32%)
- Yellow (46%)
- Black (5%)





- Cyan (6%)
- Magenta (36%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.5339, 0.4189, 0.3646 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 46.5339, 0.4189, 0.3646 by changing the saturation by 10% instead.


 46.5339, 0.4189,
0.3646


 46.5339, 0.4189,
0.3646


372.9510, 0.3655,
0.3493

 32.6673, 0.4321,
0.3675


 85.0175, 0.3996,
0.3597

 21.8717, 0.4488,
0.3708


 110.4033, 0.3923,
0.3576

 13.7627, 0.4705,
0.3740


 140.3976, 0.3861,
0.3558

 7.9558, 0.4998,
0.3767

175.3848, 0.3808,
0.3542

 4.0667, 0.5403,
0.3767

215.7494, 0.3762,
0.3528

 1.7109, 0.6193,
0.3807

261.8757, 0.3722,

 0.4307, 0.7072,

0.3515

0.2928

314.1481, 0.3687,
0.3503

0.0000, 0.0000,
0.0000

46.5339, 0.4189,
0.3646

46.5339, 0.4189,
0.3646

40.2947, 0.4531,
0.3712

53.7489, 0.3886,
0.3569

34.9811, 0.4903,
0.3756

61.9734, 0.3626,
0.3487

30.5485, 0.5280,
0.3767

71.2475, 0.3405,
0.3407

26.9456, 0.5628,
0.3732

81.6074, 0.3219,
0.3331

24.1143, 0.5909,
0.3652

93.0873, 0.3063,
0.3260

■ 23.0993, 0.6011,
0.3609

■ 97.4375, 0.3041,
0.3290

Harmonies

Analogous

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



46.5339, 0.4007, 0.3228



46.5339, 0.4189, 0.3646



46.5339, 0.4056, 0.4022

Triad

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



46.5339, 0.4189, 0.3646



46.5339, 0.2663, 0.3793



46.5339, 0.2551, 0.2451

Complementary

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



46.5339, 0.4189, 0.3646



56.7517, 0.2445, 0.2890

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.



46.5339, 0.2253, 0.2518



46.5339, 0.4189, 0.3646



46.5339, 0.2310, 0.3259

Square

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



46.5339, 0.4189, 0.3646



46.5339, 0.3160, 0.4176



46.5339, 0.2169, 0.2794



46.5339, 0.3022, 0.2572

Rectangle

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



46.5339, 0.4189, 0.3646



46.5339, 0.3820, 0.4195



46.5339, 0.2169, 0.2794



46.5339, 0.2430, 0.2451

Sweetspot

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



46.5362, 0.4189, 0.3646



82.8146, 0.3373, 0.3395



39.5708, 0.3476, 0.2456



17.2060, 0.3416, 0.3411



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.



46.5362, 0.4189, 0.3646



46.1314, 0.4514, 0.3709



70.0387, 0.3910, 0.4199



16.5087, 0.3286, 0.3359



12.7296, 0.5982, 0.3632



1.2242, 0.5725, 0.3836

Inverse Universe

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



56.7517, 0.2445, 0.2890



59.0224, 0.2324, 0.2789



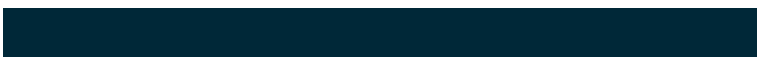
34.5568, 0.2316, 0.2168



17.1061, 0.2981, 0.3220



19.4459, 0.1976, 0.2313



1.7882, 0.2016, 0.2457

Previews

White Background



This preview shows how the Yxy color 46.5339, 0.4189, 0.3646 looks on a white background.

Color Contrast Check

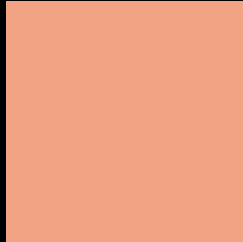
Large Text (above 18pt) WCAG AA × Fail

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 46.5339, 0.4189, 0.3646 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 46.5339, 0.4189, 0.3646

Background



This preview shows how black text looks on a background with the Yxy color 46.5339, 0.4189, 0.3646.



This preview shows how white text looks on a background with the Yxy color 46.5339, 0.4189, 0.3646.

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

46.5339, 0.4189, 0.3646

Protanopia

46.7893, 0.3589, 0.3848

Deuteranopia

46.4560, 0.3915, 0.3836



Tritanopia

46.5891, 0.3853, 0.3161

Trichromacy



Original Color

46.5339, 0.4189, 0.3646

Protanomaly

46.2864, 0.3801, 0.3773

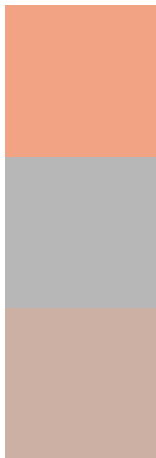
Deuteranomaly

46.3687, 0.4011, 0.3761

Tritanomaly

46.5966, 0.3977, 0.3337

Monochromacy



Original Color

46.5339, 0.4189, 0.3646

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

46.5684, 0.3483, 0.3441

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.5339, 0.4189, 0.3646 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, 163, 131)` looks like.

```
.text, #text, p{  
    color:rgb(241, 163, 131)  
}
```

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, 163, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 163, 131) }
```

Border

The CSS property to change the border of an element to Yxy 46.5339, 0.4189, 0.3646 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, 163, 131) }
```

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

```
.border{ border-color:rgb(241, 163, 131) }
```

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

Here you see how a box with a 4 pixel rgb(241, 163, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 163, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 163, 131);  
box-shadow:4px 4px 4px 4px rgb(241, 163,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 46.5339, 0.4189, 0.3646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 163, 131) }
```

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

```
.background{ background-color: rgb(241,  
163, 131) }
```

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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