

Converting Colors

$Y_{xy}(46.4085, 0.3935, 0.3910)$

Have a look what the booklet for
Yxy(46.4085, 0.3935, 0.3910)
contains.

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Color

Yxy(46.4113, 0.3935, 0.3911)

Conversions

Conversions Part 1

Format	Color
Hex	D6AF7C
RGB	214, 175, 124
RGB Percent	84%, 69%, 49%
CMY	0.1608, 0.3137, 0.5138
CMYK	0.00, 0.18, 0.42, 0.16
HSL	34°, 52%, 66%
HSV	34°, 42%, 84%
XYZ	46.6961, 46.4113, 25.5612
YIQ	180.8470, 39.6150, -7.5930

Conversions

Conversions Part 2

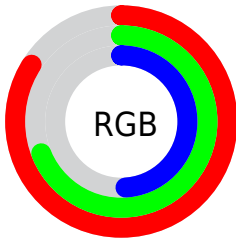
Format	Color
R _Y B	193, 214, 124
Decimal	14069628
CIE Lab	73.81, 7.41, 31.47
CIE LCh	74, 32.331, 76.742
Yxy	46.4113, 0.3935, 0.3911
Android (android.graphics.Color)	4292259708 (0xFFD6AF7C)
YUV	180.8470, -28.0256, 29.0752
Hunter-Lab	68.1258, 3.1306, 25.4421

Details

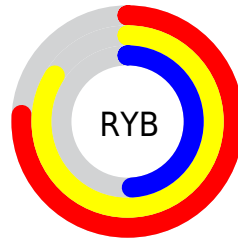
The Yxy color **46.4113, 0.3935, 0.3911** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **35.3199, 0.2439, 0.2568**, and the grayscale version is **46.2597, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.0280, 0.3660, 0.3828**, and **21.9294, 0.4161, 0.4070** is the 20% darker color. If you saturate the color by 10%, you get **42.4448, 0.4174, 0.4050**, and if you desaturate by 10%, it is **50.7472, 0.3711, 0.3761**.

Distribution



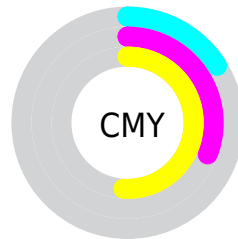
- Red (84%)
- Green (69%)
- Blue (49%)



- Red (76%)
- Yellow (84%)
- Blue (49%)



- Cyan (0%)
- Magenta (18%)
- Yellow (42%)
- Black (16%)





- Cyan (16%)
- Magenta (31%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.4113, 0.3935, 0.3911 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 46.4113, 0.3935, 0.3911 by changing the saturation by 10% instead.


 46.4113, 0.3935,
0.3911


 46.4113, 0.3935,
0.3911


372.4598, 0.3534,
0.3613


 32.5705, 0.4032,
0.3979


 84.8342, 0.3791,
0.3807

 21.7976, 0.4155,
0.4063


 110.1851, 0.3736,
0.3766

 13.7083, 0.4312,
0.4166


 140.1415, 0.3690,
0.3732

 7.9180, 0.4518,
0.4293

175.0878, 0.3650,
0.3701

 4.0426, 0.4807,
0.4455

215.4084, 0.3615,
0.3675

 1.6974, 0.5293,
0.4707

261.4876, 0.3584,

 0.4220, 0.5797,

0.3652

0.4203

313.7100, 0.3557,
0.3631

0.0000, 0.0000,
0.0000

46.4113, 0.3935,
0.3911

46.4113, 0.3935,
0.3911

42.4448, 0.4174,
0.4050

50.7472, 0.3711,
0.3761

38.8286, 0.4421,
0.4168

55.4578, 0.3506,
0.3609

35.5511, 0.4665,
0.4252


60.5563, 0.3322,
0.3460

32.5974, 0.4892,
0.4291

66.0533, 0.3158,
0.3318

29.9500, 0.5090,
0.4277

71.9587, 0.3014,
0.3185

 28.0460, 0.5224,
0.4234

 78.2823, 0.2887,
0.3061

 83.7641, 0.2876,
0.3133

 89.3569, 0.2880,
0.3229

 93.0342, 0.2883,
0.3289

Harmonies

Analogous

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



46.4113, 0.4030, 0.3588



46.4113, 0.3935, 0.3911



46.4113, 0.3619, 0.4097

Triad

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



46.4113, 0.3935, 0.3911



46.4113, 0.2437, 0.3292



46.4113, 0.3017, 0.2659

Complementary

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



46.4113, 0.3935, 0.3911



35.3199, 0.2439, 0.2568

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.



46.4113, 0.2616, 0.2563



46.4113, 0.3935, 0.3911



46.4113, 0.2301, 0.2889

Square

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



46.4113, 0.3935, 0.3911



46.4113, 0.2753, 0.3736



46.4113, 0.2364, 0.2636



46.4113, 0.3478, 0.2895

Rectangle

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



46.4113, 0.3935, 0.3911



46.4113, 0.3335, 0.4092



46.4113, 0.2364, 0.2636



46.4113, 0.2871, 0.2610

Sweetspot

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



46.4135, 0.3935, 0.3911



89.2259, 0.3341, 0.3476



31.3503, 0.3729, 0.2814



18.7283, 0.3381, 0.3509



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.



46.4135, 0.3935, 0.3911



64.0140, 0.4136, 0.4029



62.9495, 0.3702, 0.4341



13.5775, 0.3277, 0.3422



17.1648, 0.5205, 0.4249



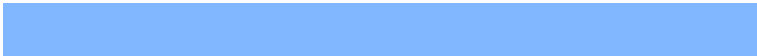
1.1985, 0.4983, 0.4425

Inverse Universe

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



35.3199, 0.2439, 0.2568



45.5204, 0.2298, 0.2391



24.0114, 0.2393, 0.2013



12.8845, 0.2982, 0.3154



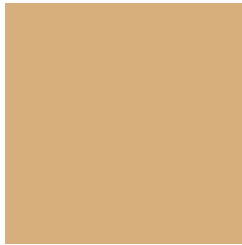
7.8307, 0.1715, 0.1372



0.6351, 0.1809, 0.1710

Previews

White Background



This preview shows how the Yxy color 46.4113, 0.3935, 0.3911 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 46.4113, 0.3935, 0.3911 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 46.4113, 0.3935, 0.3911

Background



This preview shows how black text looks on a background with the Yxy color 46.4113, 0.3935, 0.3911.



This preview shows how white text looks on a background with the Yxy color 46.4113, 0.3935, 0.3911.

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

46.4113, 0.3935, 0.3911

Protanopia

46.3158, 0.3711, 0.3987

Deuteranopia

46.4791, 0.3969, 0.3892



Tritanopia

46.5571, 0.3495, 0.3138

Trichromacy



Original Color

46.4113, 0.3935, 0.3911

Protanomaly

46.4431, 0.3794, 0.3959

Deuteranomaly

46.3263, 0.3959, 0.3895

Tritanomaly

46.5693, 0.3663, 0.3424

Monochromacy



Original Color

46.4113, 0.3935, 0.3911

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.1157, 0.3410, 0.3537

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.4113, 0.3935, 0.3911 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(214, 175, 124)` looks like.

```
.text, #text, p{  
    color:rgb(214, 175, 124)  
}
```

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(214, 175, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 175, 124) }
```

Border

The CSS property to change the border of an element to Yxy 46.4113, 0.3935, 0.3911 is called "border". The border property can be set on classes, ids or directly on the HTML element.

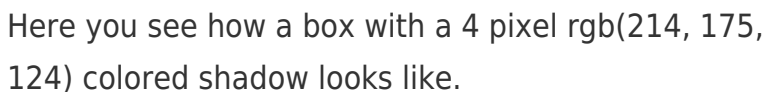
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(214, 175, 124) }
```

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

```
.border{ border-color:rgb(214, 175, 124) }
```

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



Here you see how a box with a 4 pixel `rgb(214, 175, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(214, 175, 124); -webkit-box-shadow:4px 4px 4px 4px rgb(214, 175, 124); box-shadow:4px 4px 4px 4px rgb(214, 175, 124) }
```


Background

The CSS property to change the background color of an element to Yxy 46.4113, 0.3935, 0.3911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 175, 124) }
```

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

```
.background{ background-color: rgb(214,  
175, 124) }
```

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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