

Converting Colors

Yxy(46.9909, 0.3515, 0.3466)

Have a look what the booklet for
Yxy(46.9909, 0.3515, 0.3466)
contains.

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Color

Yxy(46.7811, 0.3519, 0.3466)

Conversions

Conversions Part 1

Format	Color
Hex	CEB0A2
RGB	206, 176, 162
RGB Percent	81%, 69%, 64%
CMY	0.1922, 0.3098, 0.3648
CMYK	0.00, 0.15, 0.21, 0.19
HSL	19°, 31%, 72%
HSV	19°, 21%, 81%
XYZ	47.4964, 46.7811, 40.6939
YIQ	183.3740, 22.3740, 2.0060

Conversions

Conversions Part 2

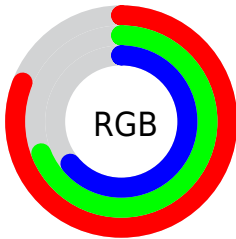
Format	Color
RYB	206, 183, 162
Decimal	13545634
CIELab	74.05, 8.63, 11.19
CIELCh	74, 14.135, 52.370
Yxy	46.7811, 0.3519, 0.3466
Android (android.graphics.Color)	4291735714 (0xFFCEB0A2)
YUV	183.3740, -10.5374, 19.8430
Hunter-Lab	68.3967, 4.2608, 12.6020

Details

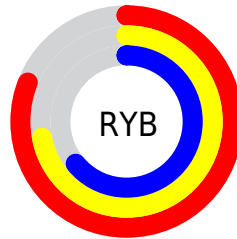
The Yxy color **46.7811, 0.3519, 0.3466** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.8114, 0.2799, 0.3107**, and the grayscale version is **47.6194, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.9830, 0.3385, 0.3440**, and **21.8710, 0.3637, 0.3510** is the 20% darker color. If you saturate the color by 10%, you get **40.8892, 0.3755, 0.3554**, and if you desaturate by 10%, it is **53.3658, 0.3318, 0.3381**.

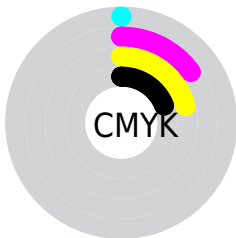
Distribution



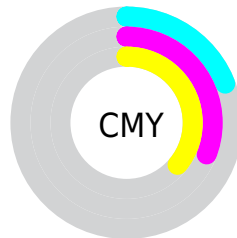
- Red (81%)
- Green (69%)
- Blue (64%)



- Red (81%)
- Yellow (72%)
- Blue (64%)



- Cyan (0%)
- Magenta (15%)
- Yellow (21%)
- Black (19%)





- Cyan (19%)
- Magenta (31%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.7811, 0.3519, 0.3466 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 46.7811, 0.3519, 0.3466 by changing the saturation by 10% instead.

 46.7811, 0.3519,
0.3466

 46.7811, 0.3519,
0.3466

373.9401, 0.3322,
0.3381

 32.8626, 0.3569,
0.3486


 85.3868, 0.3447,
0.3436

 22.0212, 0.3632,
0.3512


 110.8428, 0.3420,
0.3424

 13.8725, 0.3717,
0.3545


140.9134, 0.3397,
0.3414

 8.0320, 0.3836,
0.3588

175.9831, 0.3378,
0.3406

 4.1155, 0.4014,
0.3649

216.4362, 0.3361,
0.3398

 1.7384, 0.4308,
0.3735

262.6572, 0.3346,

 0.4483, 0.5868,

0.3392

0.4132

315.0303, 0.3333,
0.3386

0.0000, 0.0000,
0.0000

46.7811, 0.3519,
0.3466

46.7811, 0.3519,
0.3466

40.8892, 0.3755,
0.3554

53.3658, 0.3318,
0.3381

35.6608, 0.4030,
0.3641

60.6588, 0.3148,
0.3301

31.0735, 0.4342,
0.3720

68.6831, 0.3005,
0.3226

27.1015, 0.4687,
0.3782

77.4588, 0.2883,
0.3158

23.7169, 0.5049,
0.3816

86.3463, 0.2833,
0.3197

■ 20.8894, 0.5401,
0.3809

■ 91.8606, 0.2838,
0.3289

■ 18.5854, 0.5709,
0.3753

■ 16.9826, 0.5927,
0.3676

Harmonies

Analogous

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



46.7811, 0.3465, 0.3301



46.7811, 0.3519, 0.3466



46.7811, 0.3464, 0.3592

Triad

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



46.7811, 0.3519, 0.3466



46.7811, 0.2934, 0.3447



46.7811, 0.2932, 0.2960

Complementary

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



46.7811, 0.3519, 0.3466



49.8114, 0.2799, 0.3107

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.



46.7811, 0.2798, 0.2987



46.7811, 0.3519, 0.3466



46.7811, 0.2799, 0.3264

Square

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



46.7811, 0.3519, 0.3466



46.7811, 0.3123, 0.3587



46.7811, 0.2750, 0.3096



46.7811, 0.3122, 0.3016

Rectangle

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



46.7811, 0.3519, 0.3466



46.7811, 0.3374, 0.3634



46.7811, 0.2750, 0.3096



46.7811, 0.2879, 0.2960

Sweetspot

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



46.7832, 0.3519, 0.3466



92.5845, 0.3225, 0.3338



42.7586, 0.3274, 0.2923



19.6497, 0.3236, 0.3343



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.



46.7832, 0.3519, 0.3466



70.9390, 0.3631, 0.3509



56.0802, 0.3466, 0.3727



11.7880, 0.3282, 0.3365



10.6143, 0.5900, 0.3697



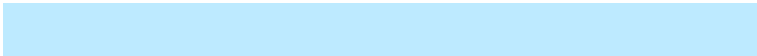
0.6847, 0.5513, 0.4005

Inverse Universe

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



49.8114, 0.2799, 0.3107



76.7622, 0.2724, 0.3059



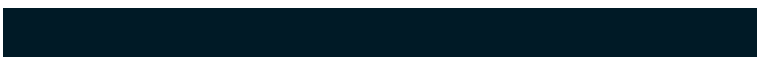
40.8986, 0.2778, 0.2812



12.1001, 0.2983, 0.3214



14.5278, 0.1951, 0.2222



0.8825, 0.2016, 0.2456

Previews

White Background



This preview shows how the Yxy color 46.7811, 0.3519, 0.3466 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 46.7811, 0.3519, 0.3466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

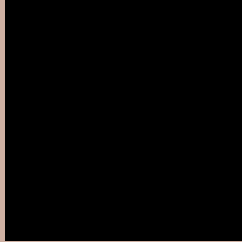
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.7811, 0.3519, 0.3466

Background



This preview shows how black text looks on a background with the Yxy color 46.7811, 0.3519, 0.3466.



This preview shows how white text looks on a background with the Yxy color 46.7811, 0.3519, 0.3466.

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

46.7811, 0.3519, 0.3466

Protanopia

47.1197, 0.3335, 0.3511

Deuteranopia

46.9247, 0.3528, 0.3465



Tritanopia

46.6055, 0.3342, 0.3121

Trichromacy



Original Color

46.7811, 0.3519, 0.3466

Protanomaly

47.0586, 0.3401, 0.3495

Deuteranomaly

46.9247, 0.3528, 0.3465

Tritanomaly

46.4714, 0.3411, 0.3242

Monochromacy



Original Color

46.7811, 0.3519, 0.3466

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

46.8140, 0.3264, 0.3355

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.7811, 0.3519, 0.3466 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(206, 176, 162)` looks like.

```
.text, #text, p{  
    color:rgb(206, 176, 162)  
}
```

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(206, 176, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 176, 162) }
```

Border

The CSS property to change the border of an element to Yxy 46.7811, 0.3519, 0.3466 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(206, 176, 162) }
```

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

```
.border{ border-color:rgb(206, 176, 162) }
```

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

Here you see how a box with a 4 pixel rgb(206, 176, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 176, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 176, 162);  
box-shadow:4px 4px 4px 4px rgb(206, 176,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 46.7811, 0.3519, 0.3466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 176, 162) }
```

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

```
.background{ background-color: rgb(206,  
176, 162) }
```

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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