

Converting Colors

$Yxy(46.3526, 0.3407, 0.3504)$

Have a look what the booklet for
Yxy(46.3526, 0.3407, 0.3504)
contains.

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Color

Yxy(46.4509, 0.3411, 0.3509)

Conversions

Conversions Part 1

Format	Color
Hex	C3B3A2
RGB	195, 179, 162
RGB Percent	76%, 70%, 64%
CMY	0.2352, 0.2981, 0.3647
CMYK	0.00, 0.08, 0.17, 0.24
HSL	31°, 22%, 70%
HSV	31°, 17%, 76%
XYZ	45.1536, 46.4509, 40.7719
YIQ	181.8460, 14.9930, -1.8950

Conversions

Conversions Part 2

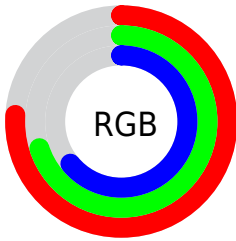
Format	Color
RYB	193, 195, 162
Decimal	12825506
CIELab	73.84, 2.91, 10.74
CIElCh	74, 11.124, 74.827
Yxy	46.4509, 0.3411, 0.3509
Android (android.graphics.Color)	4291015586 (0xFFC3B3A2)
YUV	181.8460, -9.7841, 11.5361
Hunter-Lab	68.1549, -1.0122, 12.2397

Details

The Yxy color **46.4509, 0.3411, 0.3509** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.4826, 0.2864, 0.3061**, and the grayscale version is **46.7421, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.1219, 0.3359, 0.3471**, and **21.7102, 0.3497, 0.3571** is the 20% darker color. If you saturate the color by 10%, you get **42.1453, 0.3609, 0.3646**, and if you desaturate by 10%, it is **51.1290, 0.3236, 0.3377**.

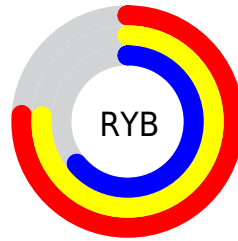
Distribution



Red (76%)

Green (70%)

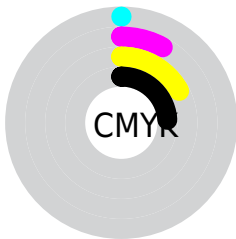
Blue (64%)



Red (76%)

Yellow (76%)

Blue (64%)

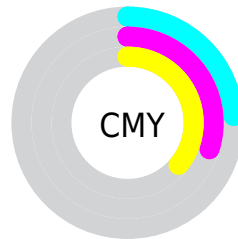


Cyan (0%)

Magenta (8%)

Yellow (17%)

Black (24%)



Cyan (24%)


Magenta (30%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.4509, 0.3411, 0.3509 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 46.4509, 0.3411, 0.3509 by changing the saturation by 10% instead.


 46.4509, 0.3411,
0.3509


 46.4509, 0.3411,
0.3509


372.6185, 0.3269,
0.3400

 32.6018, 0.3447,
0.3536


 84.8934, 0.3359,
0.3470

 21.8216, 0.3493,
0.3570


 110.2556, 0.3340,
0.3455

 13.7258, 0.3554,
0.3615


140.2242, 0.3323,
0.3442

 7.9302, 0.3639,
0.3678

175.1838, 0.3309,
0.3432

 4.0503, 0.3767,
0.3769

215.5186, 0.3297,
0.3422

 1.7018, 0.3978,
0.3913

261.6130, 0.3286,

 0.4248, 0.5278,

0.3414

0.4722

313.8515, 0.3277,
0.3407

0.0000, 0.0000,
0.0000

46.4509, 0.3411,
0.3509

46.4509, 0.3411,
0.3509

42.1453, 0.3609,
0.3646

51.1290, 0.3236,
0.3377

38.1958, 0.3831,
0.3784

56.1832, 0.3082,
0.3253

34.5939, 0.4074,
0.3917

61.6246, 0.2948,
0.3137

31.3281, 0.4335,
0.4035

67.4622, 0.2831,
0.3030

28.3864, 0.4603,
0.4127

73.4098, 0.2753,
0.2978

■ 25.7555, 0.4865,
0.4181

■ 78.7146, 0.2762,
0.3083

■ 23.4208, 0.5106,
0.4186

■ 84.3085, 0.2770,
0.3186

■ 21.3644, 0.5310,
0.4138

■ 90.1960, 0.2778,
0.3287

■ 20.7816, 0.5370,
0.4118

■ 90.3462, 0.2779,
0.3289

Harmonies

Analogous

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



46.4509, 0.3433, 0.3400



46.4509, 0.3411, 0.3509



46.4509, 0.3312, 0.3562

Triad

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



46.4509, 0.3411, 0.3509



46.4509, 0.2889, 0.3307



46.4509, 0.3084, 0.3055

Complementary

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



46.4509, 0.3411, 0.3509



43.4826, 0.2864, 0.3061

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.



46.4509, 0.2941, 0.3027



46.4509, 0.3411, 0.3509



46.4509, 0.2831, 0.3168

Square

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



46.4509, 0.3411, 0.3509



46.4509, 0.3010, 0.3446



46.4509, 0.2850, 0.3067



46.4509, 0.3241, 0.3142

Rectangle

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



46.4509, 0.3411, 0.3509



46.4509, 0.3217, 0.3556



46.4509, 0.2850, 0.3067



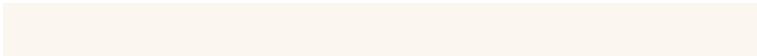
46.4509, 0.3033, 0.3039

Sweetspot

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



46.4530, 0.3411, 0.3509



93.1670, 0.3206, 0.3353



40.6852, 0.3293, 0.3078



20.2644, 0.3217, 0.3363



0.0000, 0.0000, 0.0000



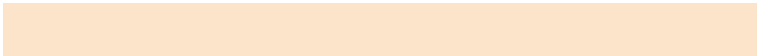
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



46.4530, 0.3411, 0.3509



80.4905, 0.3475, 0.3555



53.2590, 0.3379, 0.3706



10.9154, 0.3276, 0.3409



13.6713, 0.5350, 0.4134



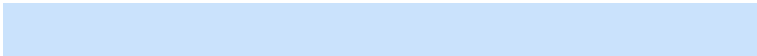
0.7283, 0.5025, 0.4392

Inverse Universe

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



43.4826, 0.2864, 0.3061



74.2617, 0.2809, 0.3010



37.4676, 0.2854, 0.2838



10.5373, 0.2984, 0.3169



8.0120, 0.1763, 0.1548



0.4842, 0.1879, 0.1963

Previews

White Background



This preview shows how the Yxy color 46.4509, 0.3411, 0.3509 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 46.4509, 0.3411, 0.3509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

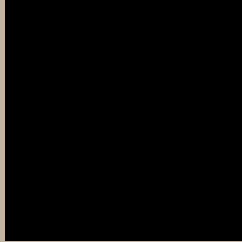
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.4509, 0.3411, 0.3509

Background



This preview shows how black text looks on a background with the Yxy color 46.4509, 0.3411, 0.3509.



This preview shows how white text looks on a background with the Yxy color 46.4509, 0.3411, 0.3509.

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

46.4509, 0.3411, 0.3509

Protanopia

46.5109, 0.3344, 0.3525

Deuteranopia

46.4261, 0.3512, 0.3441



Tritanopia

46.4762, 0.3223, 0.3117

Trichromacy



Original Color

46.4509, 0.3411, 0.3509

Protanomaly

46.3632, 0.3364, 0.3511

Deuteranomaly

46.2516, 0.3473, 0.3455

Tritanomaly

46.3111, 0.3298, 0.3253

Monochromacy



Original Color

46.4509, 0.3411, 0.3509

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.7077, 0.3227, 0.3368

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.4509, 0.3411, 0.3509 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(195, 179, 162)` looks like.

```
.text, #text, p{  
    color:rgb(195, 179, 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(195, 179, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 179, 162) }
```

Border

The CSS property to change the border of an element to Yxy 46.4509, 0.3411, 0.3509 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(195, 179, 162) }
```

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

```
.border{ border-color:rgb(195, 179, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 179, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 179, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 179, 162);  
box-shadow:4px 4px 4px 4px rgb(195, 179,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 46.4509, 0.3411, 0.3509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 179, 162) }
```

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

```
.background{ background-color: rgb(195,  
179, 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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