

Converting Colors

$Yxy(46.5924, 0.3426, 0.3522)$

Have a look what the booklet for
Yxy(46.5924, 0.3426, 0.3522)
contains.

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Color

Yxy(46.5492, 0.3428, 0.3522)

Conversions

Conversions Part 1

Format	Color
Hex	C4B3A1
RGB	196, 179, 161
RGB Percent	77%, 70%, 63%
CMY	0.2316, 0.2979, 0.3687
CMYK	0.00, 0.09, 0.18, 0.23
HSL	31°, 23%, 70%
HSV	31°, 18%, 77%
XYZ	45.3068, 46.5492, 40.3109
YIQ	182.0310, 15.9100, -1.9940

Conversions

Conversions Part 2

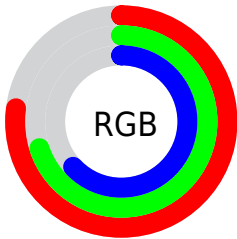
Format	Color
RYB	194, 196, 161
Decimal	12891041
CIELab	73.90, 3.08, 11.39
CIElCh	74, 11.800, 74.872
Yxy	46.5492, 0.3428, 0.3522
Android (android.graphics.Color)	4291081121 (0xFFC4B3A1)
YUV	182.0310, -10.3683, 12.2508
Hunter-Lab	68.2270, -0.8624, 12.7282

Details

The Yxy color $46.5492, 0.3428, 0.3522$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $43.3658, 0.2849, 0.3046$, and the grayscale version is $46.8455, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.2572, 0.3373, 0.3481$, and $21.7766, 0.3522, 0.3588$ is the 20% darker color. If you saturate the color by 10%, you get $42.2400, 0.3628, 0.3660$, and if you desaturate by 10%, it is $51.2325, 0.3251, 0.3389$.

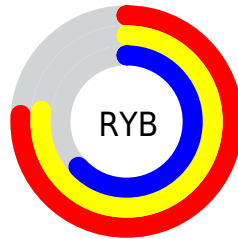
Distribution



Red (77%)

Green (70%)

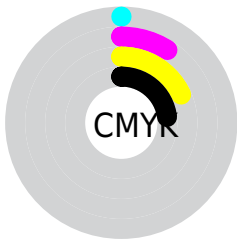
Blue (63%)



Red (76%)

Yellow (77%)

Blue (63%)

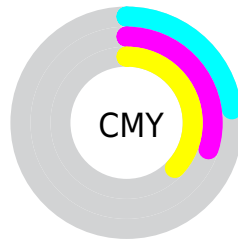


Cyan (0%)

Magenta (9%)

Yellow (18%)

Black (23%)



Cyan (23%)


Magenta (30%)

Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.5492, 0.3428, 0.3522 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 46.5492, 0.3428, 0.3522 by changing the saturation by 10% instead.


 46.5492, 0.3428,
0.3522

 46.5492, 0.3428,
0.3522


373.0122, 0.3277,
0.3407

 32.6794, 0.3466,
0.3550


 85.0403, 0.3373,
0.3480

 21.8810, 0.3514,
0.3586

 110.4305, 0.3352,
0.3465

 13.7695, 0.3579,
0.3634


140.4295, 0.3335,
0.3452

 7.9605, 0.3670,
0.3700

175.4219, 0.3320,
0.3440

 4.0697, 0.3804,
0.3795

215.7919, 0.3307,
0.3430

 1.7126, 0.4027,
0.3947

261.9241, 0.3296,

 0.4318, 0.5293,

0.3422

0.4707

314.2027, 0.3286,
0.3414

0.0000, 0.0000,
0.0000

46.5492, 0.3428,
0.3522

46.5492, 0.3428,
0.3522

42.2400, 0.3628,
0.3660

51.2325, 0.3251,
0.3389

38.2884, 0.3852,
0.3798

56.2935, 0.3095,
0.3264

34.6857, 0.4097,
0.3930

61.7436, 0.2959,
0.3147

31.4204, 0.4358,
0.4047

67.5917, 0.2841,
0.3039

28.4802, 0.4625,
0.4137

73.5886, 0.2759,
0.2980

■ 25.8516, 0.4886,
0.4187

■ 78.9050, 0.2767,
0.3085

■ 23.5198, 0.5123,
0.4187

■ 84.5116, 0.2775,
0.3187

■ 21.4653, 0.5324,
0.4135

■ 90.4126, 0.2783,
0.3288

■ 21.0524, 0.5366,
0.4121

■ 90.4685, 0.2783,
0.3289

Harmonies

Analogous

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



46.5492, 0.3451, 0.3406



46.5492, 0.3428, 0.3522



46.5492, 0.3323, 0.3579

Triad

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



46.5492, 0.3428, 0.3522



46.5492, 0.2875, 0.3308



46.5492, 0.3081, 0.3042

Complementary

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



46.5492, 0.3428, 0.3522



43.3658, 0.2849, 0.3046

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.



46.5492, 0.2930, 0.3012



46.5492, 0.3428, 0.3522



46.5492, 0.2814, 0.3160

Square

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



46.5492, 0.3428, 0.3522



46.5492, 0.3003, 0.3455



46.5492, 0.2834, 0.3053



46.5492, 0.3248, 0.3133

Rectangle

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



46.5492, 0.3428, 0.3522



46.5492, 0.3221, 0.3573



46.5492, 0.2834, 0.3053



46.5492, 0.3027, 0.3024

Sweetspot

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



46.5513, 0.3428, 0.3522



95.3306, 0.3206, 0.3354



40.4487, 0.3304, 0.3067



20.2673, 0.3217, 0.3363



0.0000, 0.0000, 0.0000



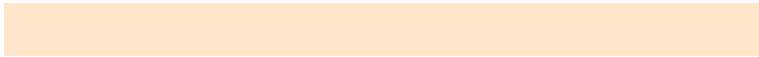
21.4041, 0.3127, 0.3290

Same Dimension

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



46.5513, 0.3428, 0.3522



81.5787, 0.3495, 0.3570



53.7567, 0.3392, 0.3728



10.9180, 0.3276, 0.3409



13.7084, 0.5346, 0.4137



0.7299, 0.5022, 0.4395

Inverse Universe

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



43.3658, 0.2849, 0.3046



74.8432, 0.2793, 0.2993



37.0463, 0.2837, 0.2810



10.5347, 0.2984, 0.3168



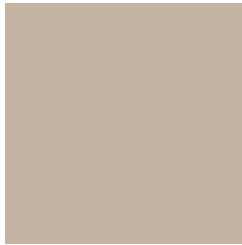
7.9775, 0.1762, 0.1543



0.4827, 0.1878, 0.1959

Previews

White Background



This preview shows how the Yxy color 46.5492, 0.3428, 0.3522 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 46.5492, 0.3428, 0.3522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

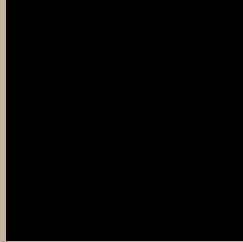
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

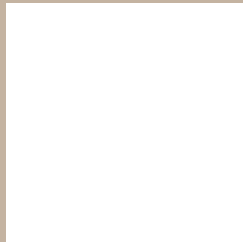
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.5492, 0.3428, 0.3522

Background



This preview shows how black text looks on a background with the Yxy color 46.5492, 0.3428, 0.3522.



This preview shows how white text looks on a background with the Yxy color 46.5492, 0.3428, 0.3522.

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

46.5492, 0.3428, 0.3522

Protanopia

46.6035, 0.3362, 0.3538

Deuteranopia

46.3904, 0.3521, 0.3453



Tritanopia

46.6134, 0.3232, 0.3117

Trichromacy



Original Color

46.5492, 0.3428, 0.3522

Protanomaly

46.4576, 0.3381, 0.3524

Deuteranomaly

46.2159, 0.3482, 0.3468

Tritanomaly

46.4475, 0.3307, 0.3253

Monochromacy



Original Color

46.5492, 0.3428, 0.3522

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.6685, 0.3235, 0.3381

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.5492, 0.3428, 0.3522 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(196, 179, 161)` looks like.

```
.text, #text, p{  
    color:rgb(196, 179, 161)  
}
```

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(196, 179, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 179, 161) }
```

Border

The CSS property to change the border of an element to Yxy 46.5492, 0.3428, 0.3522 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(196, 179, 161) }
```

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

```
.border{ border-color:rgb(196, 179, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 179, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 179, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 179, 161);  
box-shadow:4px 4px 4px 4px rgb(196, 179,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 46.5492, 0.3428, 0.3522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 179, 161) }
```

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

```
.background{ background-color: rgb(196,  
179, 161) }
```

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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