

Converting Colors

$Yxy(46.8648, 0.3449, 0.3543)$

Have a look what the booklet for
Yxy(46.8648, 0.3449, 0.3543)
contains.

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Color

Yxy(46.6486, 0.3446, 0.3534)

Conversions

Conversions Part 1

Format	Color
Hex	C5B3A0
RGB	197, 179, 160
RGB Percent	77%, 70%, 63%
CMY	0.2275, 0.2980, 0.3725
CMYK	0.00, 0.09, 0.19, 0.23
HSL	31°, 24%, 70%
HSV	31°, 19%, 77%
XYZ	45.4870, 46.6486, 39.8638
YIQ	182.2160, 16.8270, -2.0930

Conversions

Conversions Part 2

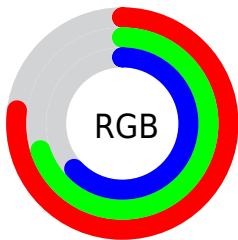
Format	Color
RYB	195, 197, 160
Decimal	12956576
CIELab	73.96, 3.32, 12.03
CIELCh	74, 12.484, 74.573
Yxy	46.6486, 0.3446, 0.3534
Android (android.graphics.Color)	4291146656 (0xFFC5B3A0)
YUV	182.2160, -10.9525, 12.9656
Hunter-Lab	68.2998, -0.6453, 13.2047

Details

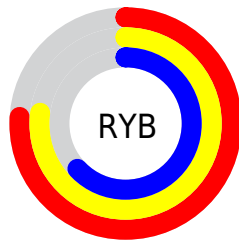
The Yxy color **46.6486, 0.3446, 0.3534** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.3316, 0.2834, 0.3033**, and the grayscale version is **46.9567, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.3938, 0.3386, 0.3490**, and **21.8655, 0.3535, 0.3586** is the 20% darker color. If you saturate the color by 10%, you get **42.3104, 0.3649, 0.3672**, and if you desaturate by 10%, it is **51.3665, 0.3267, 0.3401**.

Distribution



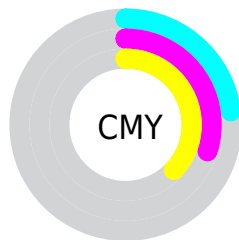
- Red (77%)
- Green (70%)
- Blue (63%)



- Red (76%)
- Yellow (77%)
- Blue (63%)



- Cyan (0%)
- Magenta (9%)
- Yellow (19%)
- Black (23%)





- Cyan (23%)
- Magenta (30%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.6486, 0.3446, 0.3534 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 46.6486, 0.3446, 0.3534 by changing the saturation by 10% instead.


 46.6486, 0.3446,
0.3534

 46.6486, 0.3446,
0.3534


373.4101, 0.3286,
0.3413

 32.7579, 0.3486,
0.3564


 85.1889, 0.3388,
0.3490

 21.9411, 0.3537,
0.3602


 110.6072, 0.3366,
0.3474

 13.8136, 0.3606,
0.3651


140.6370, 0.3348,
0.3460

 7.9911, 0.3702,
0.3720

175.6625, 0.3332,
0.3448

 4.0893, 0.3844,
0.3819

216.0682, 0.3318,
0.3438

 1.7236, 0.4080,
0.3977

262.2384, 0.3306,

 0.4389, 0.5317,

0.3429

0.4683

314.5576, 0.3295,
0.3420

0.0000, 0.0000,
0.0000

46.6486, 0.3446,
0.3534

46.6486, 0.3446,
0.3534

42.3104, 0.3649,
0.3672

51.3665, 0.3267,
0.3401

38.3352, 0.3875,
0.3809

56.4678, 0.3109,
0.3275

34.7139, 0.4122,
0.3940

61.9643, 0.2971,
0.3158

31.4349, 0.4385,
0.4054

67.8650, 0.2851,
0.3049

28.4853, 0.4653,
0.4140

73.9521, 0.2765,
0.2985

■ 25.8515, 0.4913,
0.4186

■ 79.3298, 0.2773,
0.3091

■ 23.5181, 0.5148,
0.4180

■ 85.0031, 0.2782,
0.3194

■ 21.4637, 0.5348,
0.4125

■ 90.6075, 0.2789,
0.3289

■ 21.2279, 0.5372,
0.4117

Harmonies

Analogous

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



46.6486, 0.3470, 0.3411



46.6486, 0.3446, 0.3534



46.6486, 0.3335, 0.3596

Triad

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



46.6486, 0.3446, 0.3534



46.6486, 0.2861, 0.3310



46.6486, 0.3077, 0.3027

Complementary

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



46.6486, 0.3446, 0.3534



43.3316, 0.2834, 0.3033

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.



46.6486, 0.2918, 0.2996



46.6486, 0.3446, 0.3534



46.6486, 0.2796, 0.3154

Square

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



46.6486, 0.3446, 0.3534



46.6486, 0.2997, 0.3466



46.6486, 0.2817, 0.3041



46.6486, 0.3253, 0.3123

Rectangle

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



46.6486, 0.3446, 0.3534



46.6486, 0.3228, 0.3590



46.6486, 0.2817, 0.3041



46.6486, 0.3019, 0.3009

Sweetspot

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



46.6507, 0.3446, 0.3534



94.4018, 0.3222, 0.3366



40.2433, 0.3315, 0.3054



20.0788, 0.3233, 0.3375



0.0000, 0.0000, 0.0000



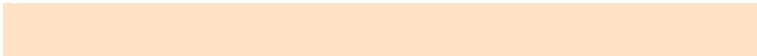
21.4041, 0.3127, 0.3290

Same Dimension

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



46.6507, 0.3446, 0.3534



79.9285, 0.3536, 0.3597



54.3287, 0.3407, 0.3752



11.5236, 0.3277, 0.3409



14.1337, 0.5352, 0.4132



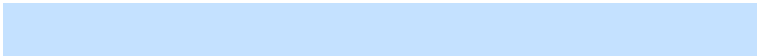
0.8139, 0.5048, 0.4374

Inverse Universe

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



43.3316, 0.2834, 0.3033



72.7701, 0.2760, 0.2962



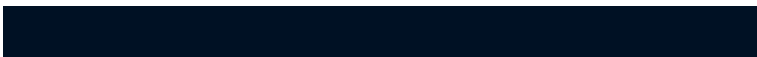
36.6456, 0.2820, 0.2782



11.1239, 0.2983, 0.3168



8.2860, 0.1763, 0.1547



0.5372, 0.1871, 0.1934

Previews

White Background



This preview shows how the Yxy color 46.6486, 0.3446, 0.3534 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 46.6486, 0.3446, 0.3534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

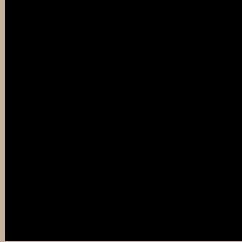
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

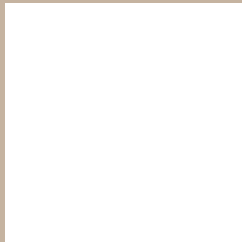
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.6486, 0.3446, 0.3534

Background



This preview shows how black text looks on a background with the Yxy color 46.6486, 0.3446, 0.3534.



This preview shows how white text looks on a background with the Yxy color 46.6486, 0.3446, 0.3534.

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

46.6486, 0.3446, 0.3534

Protanopia

46.5681, 0.3370, 0.3551

Deuteranopia

46.4986, 0.3540, 0.3465



Tritanopia

46.7516, 0.3241, 0.3118

Trichromacy



Original Color

46.6486, 0.3446, 0.3534

Protanomaly

46.5532, 0.3399, 0.3536

Deuteranomaly

46.3204, 0.3500, 0.3480

Tritanomaly

46.5444, 0.3324, 0.3266

Monochromacy



Original Color

46.6486, 0.3446, 0.3534

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 46.6486, 0.3446, 0.3534 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(197, 179, 160)` looks like.

```
.text, #text, p{  
    color:rgb(197, 179, 160)  
}
```

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(197, 179, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 179, 160) }
```

Border

The CSS property to change the border of an element to Yxy 46.6486, 0.3446, 0.3534 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(197, 179, 160) }
```

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

```
.border{ border-color:rgb(197, 179, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 179, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 179, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 179, 160);  
box-shadow:4px 4px 4px 4px rgb(197, 179,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 46.6486, 0.3446, 0.3534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 179, 160) }
```

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

```
.background{ background-color: rgb(197,  
179, 160) }
```

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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