

Converting Colors

Yxy(46.1549, 0.3462, 0.3525)

Have a look what the booklet for
Yxy(46.1549, 0.3462, 0.3525)
contains.

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Color

Yxy(46.3498, 0.3466, 0.3534)

Conversions

Conversions Part 1

Format	Color
Hex	C6B29F
RGB	198, 178, 159
RGB Percent	78%, 70%, 62%
CMY	0.2237, 0.3019, 0.3765
CMYK	0.00, 0.10, 0.20, 0.22
HSL	29°, 25%, 70%
HSV	29°, 20%, 78%
XYZ	45.4580, 46.3498, 39.3462
YIQ	181.8140, 18.0190, -1.6690

Conversions

Conversions Part 2

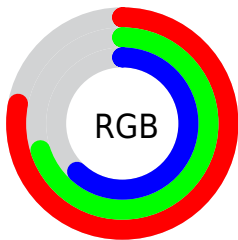
Format	Color
RYB	198, 196, 159
Decimal	13021855
CIELab	73.77, 4.07, 12.32
CIElCh	74, 12.978, 71.736
Yxy	46.3498, 0.3466, 0.3534
Android (android.graphics.Color)	4291211935 (0xFFC6B29F)
YUV	181.8140, -11.2473, 14.1951
Hunter-Lab	68.0807, 0.0445, 13.3907

Details

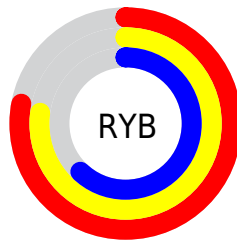
The Yxy color **46.3498, 0.3466, 0.3534** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.6561, 0.2820, 0.3033**, and the grayscale version is **46.7259, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.9607, 0.3402, 0.3490**, and **21.6792, 0.3563, 0.3586** is the 20% darker color. If you saturate the color by 10%, you get **41.8354, 0.3674, 0.3665**, and if you desaturate by 10%, it is **51.2761, 0.3283, 0.3407**.

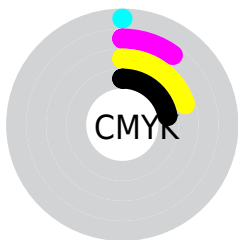
Distribution



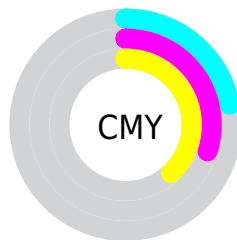
- Red (78%)
- Green (70%)
- Blue (62%)



- Red (78%)
- Yellow (77%)
- Blue (62%)



- Cyan (0%)
- Magenta (10%)
- Yellow (20%)
- Black (22%)




- Cyan (22%)
- Magenta (30%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.3498, 0.3466, 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 46.3498, 0.3466, 0.3534 by changing the saturation by 10% instead.


 46.3498, 0.3466,
0.3534

 46.3498, 0.3466,
0.3534


372.2132, 0.3296,
0.3413

 32.5219, 0.3509,
0.3564


 84.7423, 0.3404,
0.3491

 21.7605, 0.3564,
0.3601

 110.0757, 0.3381,
0.3474

 13.6810, 0.3637,
0.3651


140.0130, 0.3361,
0.3460

 7.8991, 0.3739,
0.3718

174.9387, 0.3344,
0.3448

 4.0305, 0.3891,
0.3816

215.2372, 0.3330,
0.3438

 1.6906, 0.4148,
0.3975

261.2929, 0.3317,

 0.4176, 0.5430,

0.3429

0.4570

313.4901, 0.3306,
0.3421

0.0000, 0.0000,
0.0000

46.3498, 0.3466,
0.3534

46.3498, 0.3466,
0.3534

41.8354, 0.3674,
0.3665

51.2761, 0.3283,
0.3407

37.7150, 0.3907,
0.3796

56.6190, 0.3122,
0.3286

33.9783, 0.4164,
0.3920

62.3912, 0.2983,
0.3174

30.6125, 0.4437,
0.4026

68.6030, 0.2862,
0.3070

27.6035, 0.4717,
0.4104

75.0713, 0.2773,
0.3006

■ 24.9361, 0.4989,
0.4139

■ 80.8297, 0.2781,
0.3116

■ 22.5933, 0.5233,
0.4123

■ 86.9203, 0.2789,
0.3225

■ 20.5500, 0.5442,
0.4058

■ 90.7400, 0.2794,
0.3289

■ 20.4898, 0.5448,
0.4056

Harmonies

Analogous

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



46.3498, 0.3482, 0.3401



46.3498, 0.3466, 0.3534



46.3498, 0.3358, 0.3606

Triad

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



46.3498, 0.3466, 0.3534



46.3498, 0.2861, 0.3327



46.3498, 0.3057, 0.3010

Complementary

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



46.3498, 0.3466, 0.3534



43.6561, 0.2820, 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.



46.3498, 0.2896, 0.2985



46.3498, 0.3466, 0.3534



46.3498, 0.2785, 0.3162

Square

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



46.3498, 0.3466, 0.3534



46.3498, 0.3008, 0.3487



46.3498, 0.2798, 0.3039



46.3498, 0.3242, 0.3104

Rectangle

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



46.3498, 0.3466, 0.3534



46.3498, 0.3249, 0.3606



46.3498, 0.2798, 0.3039



46.3498, 0.2999, 0.2994

Sweetspot

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



46.3519, 0.3466, 0.3534



94.1603, 0.3223, 0.3363



40.0525, 0.3320, 0.3034



20.0217, 0.3233, 0.3371



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.



46.3519, 0.3466, 0.3534



78.2900, 0.3560, 0.3595



54.5755, 0.3422, 0.3767



11.4778, 0.3278, 0.3403



13.5014, 0.5427, 0.4073



0.7842, 0.5104, 0.4330

Inverse Universe

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



43.6561, 0.2820, 0.3033



72.5737, 0.2745, 0.2964



36.4619, 0.2804, 0.2763



11.1697, 0.2983, 0.3174



8.9145, 0.1787, 0.1632



0.5668, 0.1890, 0.2004

Previews

White Background



This preview shows how the Yxy color 46.3498, 0.3466, 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 46.3498, 0.3466, 0.3534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

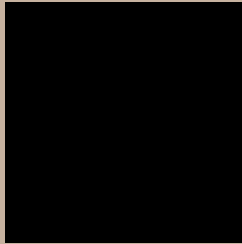
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.3498, 0.3466, 0.3534

Background



This preview shows how black text looks on a background with the Yxy color 46.3498, 0.3466, 0.3534.



This preview shows how white text looks on a background with the Yxy color 46.3498, 0.3466, 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

46.3498, 0.3466, 0.3534

Protanopia

46.4046, 0.3369, 0.3565

Deuteranopia

46.4634, 0.3548, 0.3478



Tritanopia

46.4165, 0.3268, 0.3130

Trichromacy



Original Color

46.3498, 0.3466, 0.3534

Protanomaly

46.3870, 0.3398, 0.3550

Deuteranomaly

46.4261, 0.3518, 0.3492

Tritanomaly

46.2518, 0.3343, 0.3266

Monochromacy



Original Color

46.3498, 0.3466, 0.3534

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.7951, 0.3244, 0.3381

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.3498, 0.3466, 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(198, 178, 159)` looks like.

```
.text, #text, p{  
    color:rgb(198, 178, 159)  
}
```

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(198, 178, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 178, 159) }
```

Border

The CSS property to change the border of an element to Yxy 46.3498, 0.3466, 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(198, 178, 159) }
```

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

```
.border{ border-color:rgb(198, 178, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 178, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 178, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 178, 159);  
box-shadow:4px 4px 4px 4px rgb(198, 178,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 46.3498, 0.3466, 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(198, 178, 159) }
```

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

```
.background{ background-color: rgb(198,  
178, 159) }
```

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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