

Converting Colors

$Yxy(46.8296, 0.3332, 0.3480)$

Have a look what the booklet for
Yxy(46.8296, 0.3332, 0.3480)
contains.

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Color

Yxy(46.8773, 0.3337, 0.3485)

Conversions

Conversions Part 1

Format	Color
Hex	BFB5A6
RGB	191, 181, 166
RGB Percent	75%, 71%, 65%
CMY	0.2511, 0.2901, 0.3491
CMYK	0.00, 0.05, 0.13, 0.25
HSL	36°, 16%, 70%
HSV	36°, 13%, 75%
XYZ	44.8865, 46.8773, 42.7478
YIQ	182.2800, 10.7750, -2.5450

Conversions

Conversions Part 2

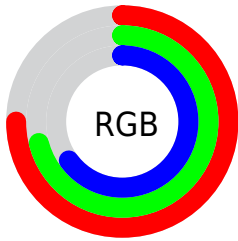
Format	Color
RYB	183, 191, 166
Decimal	12563878
CIELab	74.11, 0.96, 8.92
CIElCh	74, 8.968, 83.858
Yxy	46.8773, 0.3337, 0.3485
Android (android.graphics.Color)	4290753958 (0xFFBFB5A6)
YUV	182.2800, -8.0260, 7.6474
Hunter-Lab	68.4670, -2.7938, 10.9088

Details

The Yxy color **46.8773, 0.3337, 0.3485** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.8927, 0.2925, 0.3087**, and the grayscale version is **46.9786, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.5630, 0.3296, 0.3452**, and **21.9716, 0.3394, 0.3538** is the 20% darker color. If you saturate the color by 10%, you get **43.2184, 0.3519, 0.3642**, and if you desaturate by 10%, it is **50.8135, 0.3174, 0.3335**.

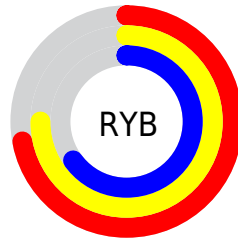
Distribution



Red (75%)

Green (71%)

Blue (65%)



Red (72%)

Yellow (75%)

Blue (65%)

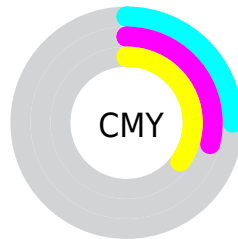


Cyan (0%)

Magenta (5%)

Yellow (13%)

Black (25%)



Cyan (25%)

Magenta (29%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.8773, 0.3337, 0.3485 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 46.8773, 0.3337, 0.3485 by changing the saturation by 10% instead.


 46.8773, 0.3337,
0.3485

 46.8773, 0.3337,
0.3485


374.3245, 0.3232,
0.3388

 32.9387, 0.3363,
0.3509


 85.5304, 0.3299,
0.3450

 22.0795, 0.3397,
0.3540


 111.0137, 0.3285,
0.3437

 13.9153, 0.3442,
0.3581


141.1140, 0.3272,
0.3425

 8.0618, 0.3504,
0.3638

176.2158, 0.3262,
0.3416

 4.1345, 0.3598,
0.3723

216.7033, 0.3253,
0.3407

 1.7491, 0.3751,
0.3860

262.9610, 0.3245,

 0.4551, 0.5005,

0.3400

0.4995

315.3733, 0.3238,
0.3394

0.0000, 0.0000,
0.0000

46.8773, 0.3337,
0.3485

46.8773, 0.3337,
0.3485

43.2184, 0.3519,
0.3642

50.8135, 0.3174,
0.3335

39.8233, 0.3719,
0.3801

55.0278, 0.3029,
0.3193

36.6866, 0.3935,
0.3957

59.5287, 0.2900,
0.3061

33.8000, 0.4163,
0.4102

64.3227, 0.2787,
0.2940

31.1548, 0.4395,
0.4224

68.9922, 0.2722,
0.2894

■ 28.7415, 0.4622,
0.4313

■ 73.0563, 0.2729,
0.2980

■ 26.5495, 0.4829,
0.4357

■ 77.3044, 0.2737,
0.3065

■ 24.5666, 0.5007,
0.4349

■ 81.7388, 0.2744,
0.3148

■ 23.3049, 0.5116,
0.4320

■ 86.3617, 0.2752,
0.3231

Harmonies

Analogous

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



46.8773, 0.3374, 0.3409



46.8773, 0.3337, 0.3485



46.8773, 0.3243, 0.3509

Triad

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



46.8773, 0.3337, 0.3485



46.8773, 0.2915, 0.3270



46.8773, 0.3131, 0.3117

Complementary

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



46.8773, 0.3337, 0.3485



42.8927, 0.2925, 0.3087

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.



46.8773, 0.3009, 0.3079



46.8773, 0.3337, 0.3485



46.8773, 0.2886, 0.3164

Square

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



46.8773, 0.3337, 0.3485



46.8773, 0.3000, 0.3384



46.8773, 0.2920, 0.3095



46.8773, 0.3254, 0.3198

Rectangle

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



46.8773, 0.3337, 0.3485



46.8773, 0.3162, 0.3492



46.8773, 0.2920, 0.3095



46.8773, 0.3089, 0.3099

Sweetspot

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



46.8794, 0.3337, 0.3485



90.3241, 0.3189, 0.3349



41.4717, 0.3273, 0.3160



19.7133, 0.3201, 0.3360



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



46.8794, 0.3337, 0.3485



81.8568, 0.3392, 0.3534



50.7559, 0.3299, 0.3612



10.4650, 0.3274, 0.3428



15.4806, 0.5100, 0.4333



0.7310, 0.4828, 0.4548

Inverse Universe

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



42.8927, 0.2925, 0.3087



73.1817, 0.2873, 0.3033



39.4026, 0.2943, 0.2952



9.8326, 0.2984, 0.3148



6.0278, 0.1689, 0.1279



0.3645, 0.1825, 0.1770

Previews

White Background



This preview shows how the Yxy color 46.8773, 0.3337, 0.3485 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 46.8773, 0.3337, 0.3485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

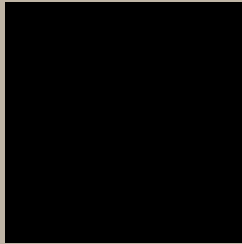
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

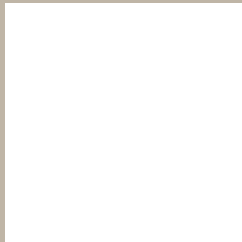
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.8773, 0.3337, 0.3485

Background



This preview shows how black text looks on a background with the Yxy color 46.8773, 0.3337, 0.3485.

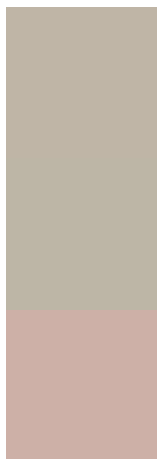


This preview shows how white text looks on a background with the Yxy color 46.8773, 0.3337, 0.3485.

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

46.8773, 0.3337, 0.3485

Protanopia

47.0279, 0.3318, 0.3498

Deuteranopia

46.8198, 0.3465, 0.3403



Tritanopia

46.6752, 0.3161, 0.3115

Trichromacy



Original Color

46.8773, 0.3337, 0.3485

Protanomaly

47.1562, 0.3326, 0.3498

Deuteranomaly

46.9102, 0.3415, 0.3430

Tritanomaly

46.5556, 0.3226, 0.3240

Monochromacy



Original Color

46.8773, 0.3337, 0.3485

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.9048, 0.3201, 0.3368

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.8773, 0.3337, 0.3485 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(191, 181, 166)` looks like.

```
.text, #text, p{  
    color:rgb(191, 181, 166)  
}
```

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(191, 181, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 181, 166) }
```

Border

The CSS property to change the border of an element to Yxy 46.8773, 0.3337, 0.3485 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(191, 181, 166) }
```

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

```
.border{ border-color:rgb(191, 181, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 181, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 181, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 181, 166);  
box-shadow:4px 4px 4px 4px rgb(191, 181,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 46.8773, 0.3337, 0.3485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 181, 166) }
```

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

```
.background{ background-color: rgb(191,  
181, 166) }
```

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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