

Converting Colors

$Yxy(46.8676, 0.3631, 0.3707)$

Have a look what the booklet for
Yxy(46.8676, 0.3631, 0.3707)
contains.

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Color

Yxy(47.0120, 0.3623, 0.3708)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | CBB392 |
| RGB | 203, 179, 146 |
| RGB Percent | 80%, 70%, 57% |
| CMY | 0.2039, 0.2980, 0.4275 |
| CMYK | 0.00, 0.12, 0.28, 0.20 |
| HSL | 35°, 35%, 68% |
| HSV | 35°, 28%, 80% |
| XYZ | 45.9343, 47.0120, 33.8390 |
| YIQ | 182.4140, 24.8970, -5.1750 |

Conversions

Conversions Part 2

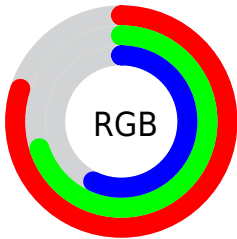
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 187, 203, 146 |
| Decimal | 13349778 |
| CIE _{Lab} | 74.20, 3.59, 20.04 |
| CIE _{LCh} | 74, 20.361, 79.832 |
| Yxy | 47.0120, 0.3623, 0.3708 |
| Android (android.graphics.Color) | 4291539858 (0xFFCBB392) |
| YUV | 182.4140, -17.9521, 18.0539 |
| Hunter-Lab | 68.5653, -0.4058, 18.7343 |

Details

The Yxy color $47.0120, 0.3623, 0.3708$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $39.1572, 0.2676, 0.2832$, and the grayscale version is $47.1062, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.8468, 0.3493, 0.3642$, and $22.0438, 0.3766, 0.3819$ is the 20% darker color. If you saturate the color by 10%, you get $43.1195, 0.3837, 0.3862$, and if you desaturate by 10%, it is $51.2330, 0.3429, 0.3554$.

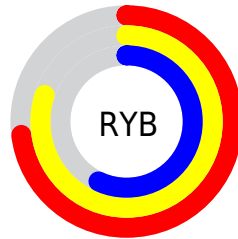
Distribution



Red (80%)

Green (70%)

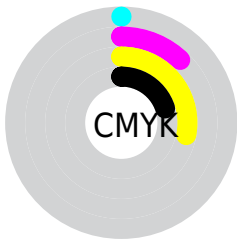
Blue (57%)



Red (73%)

Yellow (80%)

Blue (57%)

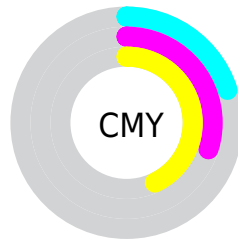


Cyan (0%)

Magenta (12%)

Yellow (28%)

Black (20%)



Cyan (20%)


Magenta (30%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.0120, 0.3623, 0.3708 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 47.0120, 0.3623, 0.3708 by changing the saturation by 10% instead.


 47.0120, 0.3623,
0.3708


 47.0120, 0.3623,
0.3708


374.8624, 0.3375,
0.3502

 33.0451, 0.3684,
0.3758


 85.7315, 0.3533,
0.3634

 22.1610, 0.3762,
0.3821


 111.2530, 0.3500,
0.3606

 13.9753, 0.3865,
0.3902


141.3948, 0.3471,
0.3583

 8.1035, 0.4006,
0.4012

176.5413, 0.3446,
0.3562

 4.1612, 0.4209,
0.4163

217.0769, 0.3425,
0.3544

 1.7642, 0.4673,
0.4531

263.3861, 0.3406,

 0.4647, 0.5326,

0.3529

0.4674

315.8531, 0.3390,
0.3515

0.0000, 0.0000,
0.0000

47.0120, 0.3623,
0.3708

47.0120, 0.3623,
0.3708

43.1195, 0.3837,
0.3862

51.2330, 0.3429,
0.3554

39.5393, 0.4066,
0.4009

55.7852, 0.3254,
0.3405

36.2632, 0.4306,
0.4139

60.6795, 0.3099,
0.3264

33.2799, 0.4547,
0.4241

65.9244, 0.2962,
0.3132

30.5771, 0.4776,
0.4303

71.5277, 0.2841,
0.3009

■ 28.1410, 0.4981,
0.4315

■ 76.6468, 0.2804,
0.3025

■ 25.9529, 0.5152,
0.4276

■ 81.5237, 0.2810,
0.3118

■ 25.5577, 0.5184,
0.4266

■ 86.6369, 0.2816,
0.3209

■ 91.4356, 0.2822,
0.3289

Harmonies

Analogous

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



47.0120, 0.3693, 0.3517



47.0120, 0.3623, 0.3708



47.0120, 0.3419, 0.3795

Triad

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



47.0120, 0.3623, 0.3708



47.0120, 0.2672, 0.3271



47.0120, 0.3092, 0.2892

Complementary

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



47.0120, 0.3623, 0.3708



39.1572, 0.2676, 0.2832

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.



47.0120, 0.2827, 0.2821



47.0120, 0.3623, 0.3708



47.0120, 0.2593, 0.3024

Square

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



47.0120, 0.3623, 0.3708



47.0120, 0.2870, 0.3539



47.0120, 0.2648, 0.2865



47.0120, 0.3378, 0.3057

Rectangle

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



47.0120, 0.3623, 0.3708



47.0120, 0.3237, 0.3773



47.0120, 0.2648, 0.2865



47.0120, 0.2998, 0.2857

Sweetspot

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



47.0141, 0.3623, 0.3708



93.4012, 0.3254, 0.3405



36.1758, 0.3474, 0.2977



19.7351, 0.3280, 0.3428



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.



47.0141, 0.3623, 0.3708



74.5147, 0.3757, 0.3806



56.9519, 0.3516, 0.3993



12.2750, 0.3276, 0.3424



16.4496, 0.5167, 0.4280



0.9967, 0.4927, 0.4470

Inverse Universe

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



39.1572, 0.2676, 0.2832



59.1322, 0.2568, 0.2710



31.3268, 0.2673, 0.2492



11.6067, 0.2983, 0.3152



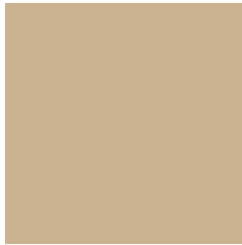
7.0905, 0.1705, 0.1339



0.5149, 0.1813, 0.1727

Previews

White Background



This preview shows how the Yxy color 47.0120, 0.3623, 0.3708 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 47.0120, 0.3623, 0.3708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

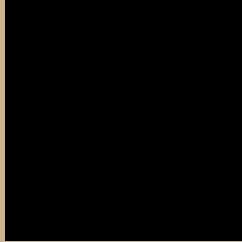
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.0120, 0.3623, 0.3708

Background



This preview shows how black text looks on a background with the Yxy color 47.0120, 0.3623, 0.3708.



This preview shows how white text looks on a background with the Yxy color 47.0120, 0.3623, 0.3708.

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

47.0120, 0.3623, 0.3708

Protanopia

47.0318, 0.3522, 0.3744

Deuteranopia

46.7636, 0.3712, 0.3636



Tritanopia

46.8849, 0.3323, 0.3121

Trichromacy



Original Color

47.0120, 0.3623, 0.3708

Protanomaly

47.0246, 0.3552, 0.3727

Deuteranomaly

46.7126, 0.3680, 0.3651

Tritanomaly

46.7603, 0.3433, 0.3328

Monochromacy



Original Color

47.0120, 0.3623, 0.3708

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.8595, 0.3303, 0.3446

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.0120, 0.3623, 0.3708 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(203, 179, 146)` looks like.

```
.text, #text, p{  
    color:rgb(203, 179, 146)  
}
```

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(203, 179, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 179, 146) }
```

Border

The CSS property to change the border of an element to Yxy 47.0120, 0.3623, 0.3708 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(203, 179, 146) }
```

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

```
.border{ border-color:rgb(203, 179, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 179, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(203, 179, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(203, 179, 146); box-shadow:4px 4px 4px 4px rgb(203, 179, 146) }
```


Background

The CSS property to change the background color of an element to Yxy 47.0120, 0.3623, 0.3708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 179, 146) }
```

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

```
.background{ background-color: rgb(203,  
179, 146) }
```

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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