

Converting Colors

Yxy(50.3262, 0.3477, 0.3709)

Have a look what the booklet for
Yxy(50.3262, 0.3477, 0.3709)
contains.

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Color

Yxy(50.3388, 0.3476, 0.3708)

Conversions

Conversions Part 1

Format	Color
Hex	C6BC9B
RGB	198, 188, 155
RGB Percent	78%, 74%, 61%
CMY	0.2235, 0.2627, 0.3922
CMYK	0.00, 0.05, 0.22, 0.22
HSL	46°, 27%, 69%
HSV	46°, 22%, 78%
XYZ	47.1892, 50.3388, 38.2293
YIQ	187.2280, 16.5530, -8.1430

Conversions

Conversions Part 2

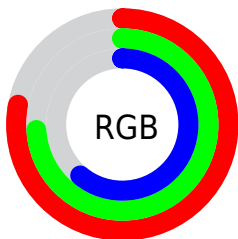
Format	Color
RYB	168, 198, 155
Decimal	13024411
CIELab	76.28, -1.83, 18.00
CIELCh	76, 18.096, 95.794
Yxy	50.3388, 0.3476, 0.3708
Android (android.graphics.Color)	4291214491 (0xFFC6BC9B)
YUV	187.2280, -15.8884, 9.4470
Hunter-Lab	70.9498, -5.4406, 17.7182

Details

The Yxy color **50.3388, 0.3476, 0.3708** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.9503, 0.2775, 0.2834**, and the grayscale version is **49.9150, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.6145, 0.3412, 0.3627**, and **24.2567, 0.3569, 0.3820** is the 20% darker color. If you saturate the color by 10%, you get **47.7928, 0.3653, 0.3906**, and if you desaturate by 10%, it is **53.0612, 0.3308, 0.3512**.

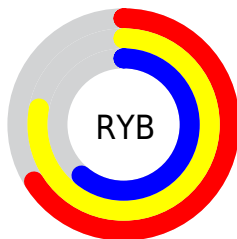
Distribution



Red (78%)

Green (74%)

Blue (61%)



Red (66%)

Yellow (78%)

Blue (61%)

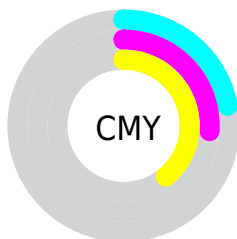


Cyan (0%)

Magenta (5%)

Yellow (22%)

Black (22%)



Cyan (22%)


Magenta (26%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.3388, 0.3476, 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 50.3388, 0.3476, 0.3708 by changing the saturation by 10% instead.


 50.3388, 0.3476,
0.3708

 50.3388, 0.3476,
0.3708


387.9894, 0.3305,
0.3501

 35.6827, 0.3518,
0.3759


 90.6767, 0.3415,
0.3634

 24.1892, 0.3570,
0.3823


 117.1272, 0.3391,
0.3605

 15.4740, 0.3639,
0.3908


148.2779, 0.3371,
0.3581

 9.1528, 0.3732,
0.4023

184.5134, 0.3354,
0.3561

 4.8410, 0.3863,
0.4189

226.2178, 0.3340,
0.3543

 2.1542, 0.4078,
0.4464

273.7757, 0.3327,

 0.6949, 0.4699,

0.3527

0.5301

327.5714, 0.3315,
0.3514

0.0000, 0.0000,
0.0000

50.3388, 0.3476,
0.3708

50.3388, 0.3476,
0.3708

47.7928, 0.3653,
0.3906

53.0612, 0.3308,
0.3512

45.4105, 0.3836,
0.4100

55.9588, 0.3153,
0.3322

43.1880, 0.4019,
0.4280

59.0391, 0.3010,
0.3142

41.1182, 0.4195,
0.4436

62.3069, 0.2881,
0.2974

39.1935, 0.4356,
0.4559

65.7670, 0.2764,
0.2819

■ 37.4052, 0.4495,
0.4638

■ 68.1541, 0.2762,
0.2861

■ 35.7431, 0.4605,
0.4671

■ 70.5422, 0.2766,
0.2912

■ 34.4491, 0.4677,
0.4668

■ 72.9969, 0.2770,
0.2963

■ 75.5188, 0.2774,
0.3014

Harmonies

Analogous

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



50.3388, 0.3603, 0.3586



50.3388, 0.3476, 0.3708



50.3388, 0.3257, 0.3716

Triad

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



50.3388, 0.3476, 0.3708



50.3388, 0.2678, 0.3155



50.3388, 0.3232, 0.3010

Complementary

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



50.3388, 0.3476, 0.3708



37.9503, 0.2775, 0.2834

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.



50.3388, 0.2983, 0.2901



50.3388, 0.3476, 0.3708



50.3388, 0.2672, 0.2974

Square

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



50.3388, 0.3476, 0.3708



50.3388, 0.2800, 0.3385



50.3388, 0.2781, 0.2886



50.3388, 0.3460, 0.3188

Rectangle

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



50.3388, 0.3476, 0.3708



50.3388, 0.3092, 0.3649



50.3388, 0.2781, 0.2886



50.3388, 0.3148, 0.2965

Sweetspot

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



50.3411, 0.3476, 0.3708



96.2826, 0.3235, 0.3423



38.1603, 0.3462, 0.3161



20.5415, 0.3244, 0.3434



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.



50.3411, 0.3476, 0.3708



86.9932, 0.3557, 0.3801



53.2665, 0.3355, 0.3843



11.9825, 0.3271, 0.3466



22.5354, 0.4669, 0.4675



1.1718, 0.4551, 0.4769

Inverse Universe

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



37.9503, 0.2775, 0.2834



61.2441, 0.2692, 0.2721



35.6694, 0.2864, 0.2708



10.6812, 0.2983, 0.3107



4.0353, 0.1575, 0.0868



0.3058, 0.1688, 0.1278

Previews

White Background



This preview shows how the Yxy color 50.3388, 0.3476, 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 50.3388, 0.3476, 0.3708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

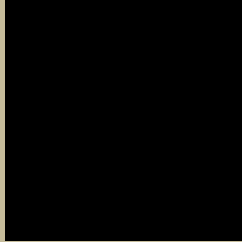
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

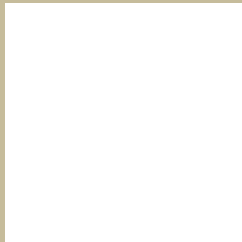
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.3388, 0.3476, 0.3708

Background



This preview shows how black text looks on a background with the Yxy color 50.3388, 0.3476, 0.3708.



This preview shows how white text looks on a background with the Yxy color 50.3388, 0.3476, 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

50.3388, 0.3476, 0.3708

Protanopia

50.4751, 0.3485, 0.3707

Deuteranopia

50.1998, 0.3658, 0.3591



Tritanopia

50.1836, 0.3186, 0.3109

Trichromacy



Original Color

50.3388, 0.3476, 0.3708

Protanomaly

50.4751, 0.3485, 0.3707

Deuteranomaly

50.3829, 0.3586, 0.3634

Tritanomaly

50.0759, 0.3288, 0.3315

Monochromacy



Original Color

50.3388, 0.3476, 0.3708

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.7122, 0.3255, 0.3443

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.3388, 0.3476, 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(198, 188, 155)` looks like.

```
.text, #text, p{  
    color:rgb(198, 188, 155)  
}
```

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, 188, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 188, 155) }
```

Border

The CSS property to change the border of an element to Yxy 50.3388, 0.3476, 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(198, 188, 155) }
```

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

```
.border{ border-color:rgb(198, 188, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 188, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 188, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 188, 155);  
box-shadow:4px 4px 4px 4px rgb(198, 188,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 50.3388, 0.3476, 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(198, 188, 155) }
```

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

```
.background{ background-color: rgb(198,  
188, 155) }
```

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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