

Converting Colors

Yxy(50.4746, 0.3571, 0.3654)

Have a look what the booklet for
Yxy(50.4746, 0.3571, 0.3654)
contains.

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Color

Yxy(50.4744, 0.3573, 0.3660)

Conversions

Conversions Part 1

Format	Color
Hex	D0B99B
RGB	208, 185, 155
RGB Percent	82%, 73%, 61%
CMY	0.1844, 0.2745, 0.3921
CMYK	0.00, 0.11, 0.25, 0.18
HSL	34°, 36%, 71%
HSV	34°, 25%, 82%
XYZ	49.2746, 50.4744, 38.1592
YIQ	188.4570, 23.3380, -4.4540

Conversions

Conversions Part 2

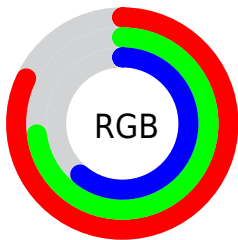
Format	Color
R _Y B	196, 208, 155
Decimal	13679003
CIE Lab	76.36, 3.56, 18.23
CIE LCh	76, 18.578, 78.938
Yxy	50.4744, 0.3573, 0.3660
Android (android.graphics.Color)	4291869083 (0xFFD0B99B)
YUV	188.4570, -16.4943, 17.1392
Hunter-Lab	71.0453, -0.5279, 17.8865

Details

The Yxy color $50.4744, 0.3573, 0.3660$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $43.3559, 0.2720, 0.2889$, and the grayscale version is $50.6491, 0.3127, 0.3290$.

A 20% lighter version of the original color is $88.8237, 0.3417, 0.3599$, and $24.2743, 0.3693, 0.3753$ is the 20% darker color. If you saturate the color by 10%, you get $46.1819, 0.3784, 0.3812$, and if you desaturate by 10%, it is $55.1312, 0.3382, 0.3510$.

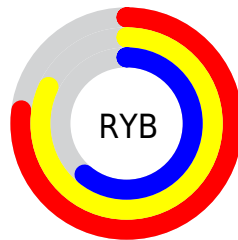
Distribution



Red (82%)

Green (73%)

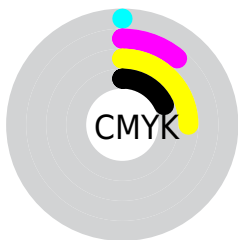
Blue (61%)



Red (77%)

Yellow (82%)

Blue (61%)

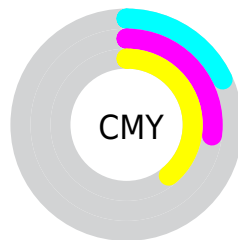


Cyan (0%)

Magenta (11%)

Yellow (25%)

Black (18%)



Cyan (18%)


Magenta (27%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.4744, 0.3573, 0.3660 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 50.4744, 0.3573, 0.3660 by changing the saturation by 10% instead.


 50.4744, 0.3573,
0.3660


 50.4744, 0.3573,
0.3660


388.5182, 0.3353,
0.3480

 35.7905, 0.3627,
0.3703


 90.8774, 0.3494,
0.3596

 24.2724, 0.3695,
0.3758


 117.3652, 0.3464,
0.3571

 15.5358, 0.3785,
0.3828


148.5565, 0.3438,
0.3550

 9.1963, 0.3907,
0.3922

184.8356, 0.3416,
0.3532

 4.8694, 0.4082,
0.4053

226.5870, 0.3397,
0.3517

 2.1709, 0.4369,
0.4262

274.1949, 0.3381,

 0.7040, 0.5179,

0.3503

0.4821

328.0439, 0.3366,
0.3491

0.0000, 0.0000,
0.0000

50.4744, 0.3573,
0.3660

50.4744, 0.3573,
0.3660

46.1819, 0.3784,
0.3812

55.1312, 0.3382,
0.3510

42.2363, 0.4014,
0.3958

60.1556, 0.3212,
0.3366

38.6287, 0.4256,
0.4091

65.5592, 0.3061,
0.3229

35.3470, 0.4503,
0.4199

71.3513, 0.2929,
0.3103

32.3780, 0.4743,
0.4269

77.2802, 0.2834,
0.3026

■ 29.7070, 0.4962,
0.4292

■ 82.4339, 0.2840,
0.3123

■ 27.3169, 0.5147,
0.4260

■ 87.8511, 0.2845,
0.3218

■ 26.3152, 0.5223,
0.4234

■ 92.1474, 0.2849,
0.3289

Harmonies

Analogous

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



50.4744, 0.3630, 0.3488



50.4744, 0.3573, 0.3660



50.4744, 0.3395, 0.3739

Triad

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



50.4744, 0.3573, 0.3660



50.4744, 0.2724, 0.3282



50.4744, 0.3089, 0.2930

Complementary

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



50.4744, 0.3573, 0.3660



43.3559, 0.2720, 0.2889

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.



50.4744, 0.2853, 0.2870



50.4744, 0.3573, 0.3660



50.4744, 0.2649, 0.3060

Square

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



50.4744, 0.3573, 0.3660



50.4744, 0.2904, 0.3517



50.4744, 0.2695, 0.2913



50.4744, 0.3344, 0.3076

Rectangle

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



50.4744, 0.3573, 0.3660



50.4744, 0.3234, 0.3721



50.4744, 0.2695, 0.2913



50.4744, 0.3005, 0.2899

Sweetspot

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



50.4767, 0.3573, 0.3660



93.2401, 0.3255, 0.3403



40.1016, 0.3426, 0.2996



19.6945, 0.3280, 0.3425



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.



50.4767, 0.3573, 0.3660



75.9579, 0.3695, 0.3750



60.4968, 0.3487, 0.3926



12.9034, 0.3277, 0.3422



16.5995, 0.5205, 0.4249



1.0844, 0.4970, 0.4436

Inverse Universe

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



43.3559, 0.2720, 0.2889



62.6510, 0.2621, 0.2781



35.2334, 0.2713, 0.2574



12.2489, 0.2982, 0.3155



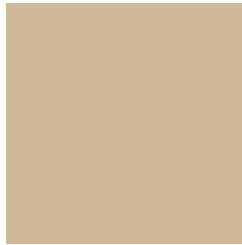
7.6012, 0.1716, 0.1376



0.5814, 0.1816, 0.1736

Previews

White Background



This preview shows how the Yxy color 50.4744, 0.3573, 0.3660 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 50.4744, 0.3573, 0.3660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

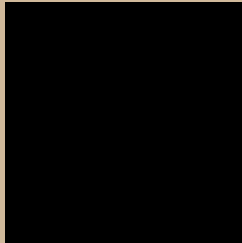
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.4744, 0.3573, 0.3660

Background



This preview shows how black text looks on a background with the Yxy color 50.4744, 0.3573, 0.3660.



This preview shows how white text looks on a background with the Yxy color 50.4744, 0.3573, 0.3660.

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

50.4744, 0.3573, 0.3660

Protanopia

50.5089, 0.3476, 0.3694

Deuteranopia

50.3535, 0.3668, 0.3590



Tritanopia

50.6837, 0.3299, 0.3125

Trichromacy



Original Color

50.4744, 0.3573, 0.3660

Protanomaly

50.4975, 0.3506, 0.3678

Deuteranomaly

50.1523, 0.3628, 0.3606

Tritanomaly

50.6001, 0.3395, 0.3315

Monochromacy



Original Color

50.4744, 0.3573, 0.3660

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.2773, 0.3281, 0.3429

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.4744, 0.3573, 0.3660 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(208, 185, 155)` looks like.

```
.text, #text, p{  
    color:rgb(208, 185, 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(208, 185, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 185, 155) }
```

Border

The CSS property to change the border of an element to Yxy 50.4744, 0.3573, 0.3660 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(208, 185, 155) }
```

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

```
.border{ border-color:rgb(208, 185, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 185, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 185, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 185, 155);  
box-shadow:4px 4px 4px 4px rgb(208, 185,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 50.4744, 0.3573, 0.3660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 185, 155) }
```

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

```
.background{ background-color: rgb(208,  
185, 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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