

Converting Colors

$Yxy(48.6789, 0.3523, 0.3569)$

Have a look what the booklet for
Yxy(48.6789, 0.3523, 0.3569)
contains.

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Color

Yxy(48.5301, 0.3523, 0.3565)

Conversions

Conversions Part 1

Format	Color
Hex	CDB59F
RGB	205, 181, 159
RGB Percent	80%, 71%, 62%
CMY	0.1961, 0.2902, 0.3765
CMYK	0.00, 0.12, 0.22, 0.20
HSL	29°, 32%, 71%
HSV	29°, 22%, 80%
XYZ	47.9584, 48.5301, 39.6409
YIQ	185.6680, 21.3660, -1.7540

Conversions

Conversions Part 2

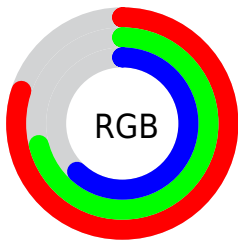
Format	Color
RYP	205, 201, 159
Decimal	13481375
CIELab	75.16, 5.13, 14.36
CIElCh	75, 15.250, 70.325
Yxy	48.5301, 0.3523, 0.3565
Android (android.graphics.Color)	4291671455 (0xFFCDB59F)
YUV	185.6680, -13.1473, 16.9542
Hunter-Lab	69.6635, 0.9732, 15.0265

Details

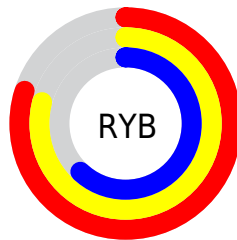
The Yxy color **48.5301, 0.3523, 0.3565** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.6437, 0.2775, 0.2998**, and the grayscale version is **48.9744, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.6834, 0.3397, 0.3520**, and **23.0051, 0.3627, 0.3627** is the 20% darker color. If you saturate the color by 10%, you get **43.6953, 0.3740, 0.3695**, and if you desaturate by 10%, it is **53.8211, 0.3332, 0.3439**.

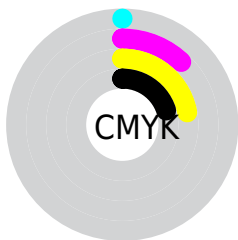
Distribution



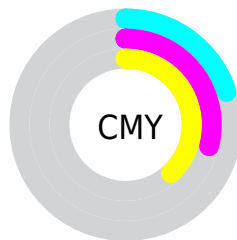
- Red (80%)
- Green (71%)
- Blue (62%)



- Red (80%)
- Yellow (79%)
- Blue (62%)



- Cyan (0%)
- Magenta (12%)
- Yellow (22%)
- Black (20%)





- Cyan (20%)
- Magenta (29%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.5301, 0.3523, 0.3565 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 48.5301, 0.3523, 0.3565 by changing the saturation by 10% instead.


 48.5301, 0.3523,
0.3565

 48.5301, 0.3523,
0.3565


380.8895, 0.3326,
0.3431

 34.2469, 0.3572,
0.3597

 87.9931, 0.3451,
0.3517

 23.0833, 0.3635,
0.3638


 113.9418, 0.3425,
0.3499

 14.6550, 0.3718,
0.3692


144.5476, 0.3402,
0.3483

 8.5776, 0.3832,
0.3763

180.1951, 0.3382,
0.3470

 4.4667, 0.4001,
0.3864

221.2687, 0.3365,
0.3458

 1.9379, 0.4274,
0.4018

268.1526, 0.3350,

 0.5710, 0.5392,

0.3448

0.4608

321.2315, 0.3337,
0.3439

0.0000, 0.0000,
0.0000

48.5301, 0.3523,
0.3565

48.5301, 0.3523,
0.3565

43.6953, 0.3740,
0.3695

53.8211, 0.3332,
0.3439

39.2968, 0.3983,
0.3822

59.5744, 0.3164,
0.3318

35.3230, 0.4249,
0.3940

65.8043, 0.3019,
0.3206

31.7587, 0.4530,
0.4037

72.5222, 0.2893,
0.3102

28.5880, 0.4815,
0.4101

79.3135, 0.2819,
0.3072

■ 25.7932, 0.5086,
0.4120

■ 85.6035, 0.2826,
0.3186

■ 23.3546, 0.5324,
0.4085

■ 91.7189, 0.2833,
0.3289

■ 21.7268, 0.5481,
0.4030

Harmonies

Analogous

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



48.5301, 0.3536, 0.3409



48.5301, 0.3523, 0.3565



48.5301, 0.3401, 0.3654

Triad

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



48.5301, 0.3523, 0.3565



48.5301, 0.2826, 0.3342



48.5301, 0.3036, 0.2965

Complementary

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



48.5301, 0.3523, 0.3565



45.6437, 0.2775, 0.2998

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.



48.5301, 0.2853, 0.2940



48.5301, 0.3523, 0.3565



48.5301, 0.2735, 0.3149

Square

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



48.5301, 0.3523, 0.3565



48.5301, 0.2998, 0.3527



48.5301, 0.2745, 0.3004



48.5301, 0.3249, 0.3070

Rectangle

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



48.5301, 0.3523, 0.3565



48.5301, 0.3277, 0.3659



48.5301, 0.2745, 0.3004



48.5301, 0.2969, 0.2947

Sweetspot

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



48.5323, 0.3523, 0.3565



93.1057, 0.3239, 0.3373



41.2171, 0.3346, 0.2987



19.8051, 0.3250, 0.3381



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.



48.5323, 0.3523, 0.3565



75.5196, 0.3626, 0.3628



58.4141, 0.3467, 0.3828



12.0843, 0.3278, 0.3401



13.7141, 0.5458, 0.4048



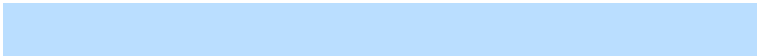
0.8592, 0.5147, 0.4295

Inverse Universe

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



45.6437, 0.2775, 0.2998



69.9543, 0.2696, 0.2925



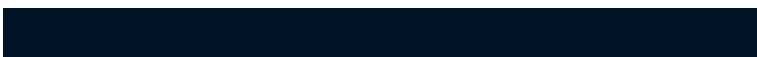
37.1066, 0.2752, 0.2689



11.7960, 0.2983, 0.3176



9.4731, 0.1796, 0.1664



0.6402, 0.1891, 0.2007

Previews

White Background



This preview shows how the Yxy color 48.5301, 0.3523, 0.3565 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 48.5301, 0.3523, 0.3565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

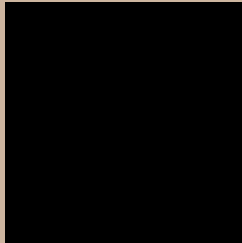
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

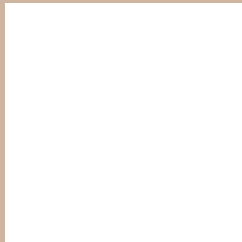
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.5301, 0.3523, 0.3565

Background



This preview shows how black text looks on a background with the Yxy color 48.5301, 0.3523, 0.3565.



This preview shows how white text looks on a background with the Yxy color 48.5301, 0.3523, 0.3565.

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

48.5301, 0.3523, 0.3565

Protanopia

48.7405, 0.3398, 0.3598

Deuteranopia

48.3759, 0.3587, 0.3511



Tritanopia

48.3237, 0.3302, 0.3122

Trichromacy



Original Color

48.5301, 0.3523, 0.3565

Protanomaly

48.8248, 0.3444, 0.3595

Deuteranomaly

48.3336, 0.3556, 0.3525

Tritanomaly

48.5054, 0.3384, 0.3279

Monochromacy



Original Color

48.5301, 0.3523, 0.3565

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.7530, 0.3268, 0.3392

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.5301, 0.3523, 0.3565 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(205, 181, 159)` looks like.

```
.text, #text, p{  
    color:rgb(205, 181, 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(205, 181, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 181, 159) }
```

Border

The CSS property to change the border of an element to Yxy 48.5301, 0.3523, 0.3565 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(205, 181, 159) }
```

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

```
.border{ border-color:rgb(205, 181, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 181, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 181, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 181, 159);  
box-shadow:4px 4px 4px 4px rgb(205, 181,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 48.5301, 0.3523, 0.3565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 181, 159) }
```

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

```
.background{ background-color: rgb(205,  
181, 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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