

Converting Colors

Yxy(50.1865, 0.3487, 0.3599)

Have a look what the booklet for
Yxy(50.1865, 0.3487, 0.3599)
contains.

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Color

Yxy(50.1085, 0.3487, 0.3589)

Conversions

Conversions Part 1

Format	Color
Hex	CCB9A1
RGB	204, 185, 161
RGB Percent	80%, 73%, 63%
CMY	0.2000, 0.2745, 0.3686
CMYK	0.00, 0.09, 0.21, 0.20
HSL	33°, 30%, 72%
HSV	33°, 21%, 80%
XYZ	48.6844, 50.1085, 40.8240
YIQ	187.9450, 19.0280, -3.4360

Conversions

Conversions Part 2

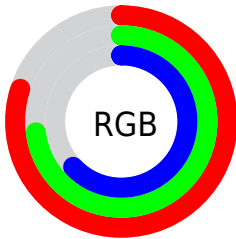
Format	Color
RYB	195, 204, 161
Decimal	13416865
CIELab	76.14, 2.92, 14.64
CIELCh	76, 14.926, 78.724
Yxy	50.1085, 0.3487, 0.3589
Android (android.graphics.Color)	4291606945 (0xFFCCB9A1)
YUV	187.9450, -13.2839, 14.0802
Hunter-Lab	70.7874, -1.1135, 15.3578

Details

The Yxy color **50.1085, 0.3487, 0.3589** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.5797, 0.2794, 0.2972**, and the grayscale version is **50.3266, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.1285, 0.3378, 0.3538**, and **23.9962, 0.3586, 0.3677** is the 20% darker color. If you saturate the color by 10%, you get **45.7961, 0.3690, 0.3738**, and if you desaturate by 10%, it is **54.7819, 0.3305, 0.3443**.

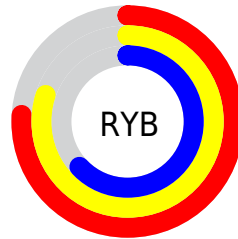
Distribution



Red (80%)

Green (73%)

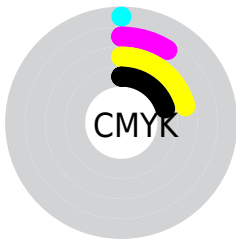
Blue (63%)



Red (76%)

Yellow (80%)

Blue (63%)

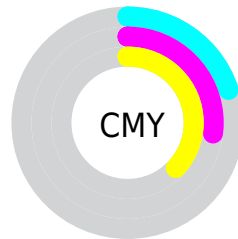


Cyan (0%)

Magenta (9%)

Yellow (21%)

Black (20%)



Cyan (20%)


Magenta (27%)


Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.1085, 0.3487, 0.3589 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 50.1085, 0.3487, 0.3589 by changing the saturation by 10% instead.


 50.1085, 0.3487,
0.3589

 50.1085, 0.3487,
0.3589


387.0901, 0.3309,
0.3443

 35.4996, 0.3531,
0.3624


 90.3356, 0.3423,
0.3537

 24.0480, 0.3587,
0.3669


 116.7226, 0.3398,
0.3517

 15.3692, 0.3660,
0.3728


147.8045, 0.3378,
0.3500

 9.0789, 0.3761,
0.3807

183.9656, 0.3360,
0.3485

 4.7927, 0.3908,
0.3919

225.5903, 0.3345,
0.3473

 2.1261, 0.4138,
0.4090

273.0630, 0.3331,

 0.6793, 0.5135,

0.3461

0.4865

326.7681, 0.3319,
0.3452

0.0000, 0.0000,
0.0000

50.1085, 0.3487,
0.3589

50.1085, 0.3487,
0.3589

45.7961, 0.3690,
0.3738

54.7819, 0.3305,
0.3443

41.8280, 0.3913,
0.3886

59.8191, 0.3143,
0.3304

38.1956, 0.4153,
0.4024

65.2316, 0.3001,
0.3174

34.8876, 0.4402,
0.4143

71.0281, 0.2876,
0.3054

31.8915, 0.4650,
0.4230

76.6908, 0.2810,
0.3024

■ 29.1940, 0.4884,
0.4273

■ 81.8401, 0.2816,
0.3121

■ 26.7794, 0.5089,
0.4264

■ 87.2525, 0.2822,
0.3217

■ 24.8433, 0.5246,
0.4217

■ 91.5779, 0.2827,
0.3289

Harmonies

Analogous

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



50.1085, 0.3531, 0.3452



50.1085, 0.3487, 0.3589



50.1085, 0.3345, 0.3650

Triad

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



50.1085, 0.3487, 0.3589



50.1085, 0.2802, 0.3286



50.1085, 0.3096, 0.2996

Complementary

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



50.1085, 0.3487, 0.3589



44.5797, 0.2794, 0.2972

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.



50.1085, 0.2905, 0.2949



50.1085, 0.3487, 0.3589



50.1085, 0.2740, 0.3108

Square

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



50.1085, 0.3487, 0.3589



50.1085, 0.2950, 0.3473



50.1085, 0.2777, 0.2987



50.1085, 0.3301, 0.3116

Rectangle

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



50.1085, 0.3487, 0.3589



50.1085, 0.3216, 0.3634



50.1085, 0.2777, 0.2987



50.1085, 0.3028, 0.2971

Sweetspot

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



50.1108, 0.3487, 0.3589



94.8160, 0.3222, 0.3373



41.6376, 0.3363, 0.3049



20.1767, 0.3232, 0.3382



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.



50.1108, 0.3487, 0.3589



79.8799, 0.3571, 0.3652



58.2968, 0.3424, 0.3814



12.2349, 0.3276, 0.3419



15.8244, 0.5227, 0.4232



0.9661, 0.4972, 0.4434

Inverse Universe

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



44.5797, 0.2794, 0.2972



69.2092, 0.2724, 0.2898



37.6524, 0.2794, 0.2713



11.6461, 0.2983, 0.3157



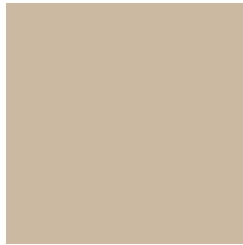
7.5396, 0.1723, 0.1403



0.5394, 0.1829, 0.1785

Previews

White Background



This preview shows how the Yxy color 50.1085, 0.3487, 0.3589 looks on a white background.

Color Contrast Check

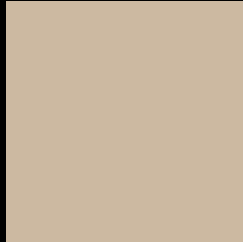
Large Text (above 18pt) WCAG AA × Fail

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 50.1085, 0.3487, 0.3589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

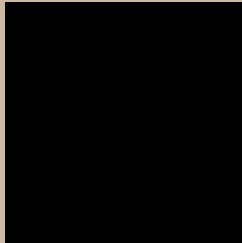
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

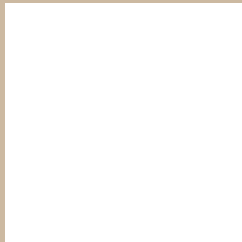
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.1085, 0.3487, 0.3589

Background



This preview shows how black text looks on a background with the Yxy color 50.1085, 0.3487, 0.3589.



This preview shows how white text looks on a background with the Yxy color 50.1085, 0.3487, 0.3589.

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

50.1085, 0.3487, 0.3589

Protanopia

50.0196, 0.3412, 0.3607

Deuteranopia

50.1035, 0.3588, 0.3520



Tritanopia

49.9475, 0.3255, 0.3123

Trichromacy



Original Color

50.1085, 0.3487, 0.3589

Protanomaly

50.0058, 0.3441, 0.3592

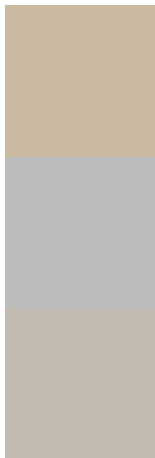
Deuteranomaly

49.9134, 0.3549, 0.3535

Tritanomaly

50.0987, 0.3344, 0.3291

Monochromacy



Original Color

50.1085, 0.3487, 0.3589

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.2243, 0.3257, 0.3404

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.1085, 0.3487, 0.3589 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(204, 185, 161)` looks like.

```
.text, #text, p{  
    color:rgb(204, 185, 161)  
}
```

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(204, 185, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 185, 161) }
```

Border

The CSS property to change the border of an element to Yxy 50.1085, 0.3487, 0.3589 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(204, 185, 161) }
```

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

```
.border{ border-color:rgb(204, 185, 161) }
```

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

Here you see how a box with a 4 pixel rgb(204, 185, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 185, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 185, 161);  
box-shadow:4px 4px 4px 4px rgb(204, 185,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 50.1085, 0.3487, 0.3589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 185, 161) }
```

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

```
.background{ background-color: rgb(204,  
185, 161) }
```

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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