

Converting Colors

$Yxy(50.6083, 0.3496, 0.3668)$

Have a look what the booklet for
Yxy(50.6083, 0.3496, 0.3668)
contains.

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Color

Yxy(50.5315, 0.3497, 0.3666)

Conversions

Conversions Part 1

Format	Color
Hex	CABB9D
RGB	202, 187, 157
RGB Percent	79%, 73%, 62%
CMY	0.2080, 0.2666, 0.3844
CMYK	0.00, 0.07, 0.22, 0.21
HSL	40°, 30%, 70%
HSV	40°, 22%, 79%
XYZ	48.2020, 50.5315, 39.1047
YIQ	188.0650, 18.5700, -6.1500

Conversions

Conversions Part 2

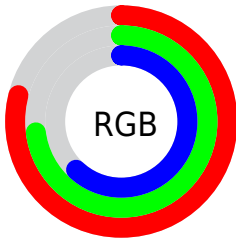
Format	Color
RYB	180, 202, 157
Decimal	13286301
CIELab	76.39, 0.48, 17.14
CIELCh	76, 17.144, 88.400
Yxy	50.5315, 0.3497, 0.3666
Android (android.graphics.Color)	4291476381 (0xFFCABB9D)
YUV	188.0650, -15.3150, 12.2210
Hunter-Lab	71.0855, -3.3614, 17.1440

Details

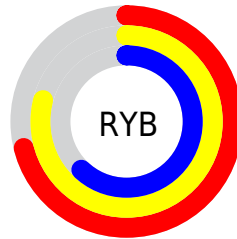
The Yxy color **50.5315, 0.3497, 0.3666** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.9008, 0.2770, 0.2883**, and the grayscale version is **50.4064, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.1147, 0.3400, 0.3598**, and **24.3867, 0.3600, 0.3761** is the 20% darker color. If you saturate the color by 10%, you get **47.1210, 0.3688, 0.3842**, and if you desaturate by 10%, it is **54.1934, 0.3321, 0.3493**.

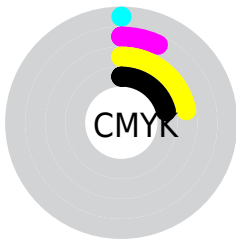
Distribution



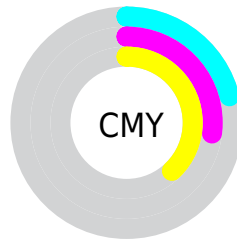
- Red (79%)
- Green (73%)
- Blue (62%)



- Red (71%)
- Yellow (79%)
- Blue (62%)



- Cyan (0%)
- Magenta (7%)
- Yellow (22%)
- Black (21%)





- Cyan (21%)
- Magenta (27%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.5315, 0.3497, 0.3666 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 50.5315, 0.3497, 0.3666 by changing the saturation by 10% instead.


 50.5315, 0.3497,
0.3666

 50.5315, 0.3497,
0.3666


388.7408, 0.3315,
0.3481

 35.8359, 0.3541,
0.3711


 90.9619, 0.3432,
0.3600

 24.3075, 0.3598,
0.3768


 117.4654, 0.3407,
0.3575

 15.5619, 0.3672,
0.3842


148.6738, 0.3386,
0.3553

 9.2147, 0.3772,
0.3944

184.9713, 0.3368,
0.3535

 4.8815, 0.3916,
0.4088

226.7423, 0.3352,
0.3519

 2.1779, 0.4144,
0.4315

274.3713, 0.3338,

 0.7079, 0.4916,

0.3505

0.5084

328.2427, 0.3326,
0.3492

0.0000, 0.0000,
0.0000

50.5315, 0.3497,
0.3666

50.5315, 0.3497,
0.3666

47.1210, 0.3688,
0.3842

54.1934, 0.3321,
0.3493

43.9477, 0.3890,
0.4014

58.1068, 0.3161,
0.3326

41.0059, 0.4100,
0.4174

62.2806, 0.3017,
0.3169

38.2872, 0.4309,
0.4312

66.7212, 0.2888,
0.3023

35.7821, 0.4508,
0.4416

71.2423, 0.2791,
0.2918

■ 33.4801, 0.4687,
0.4475

■ 74.8440, 0.2796,
0.2992

■ 31.3691, 0.4836,
0.4485

■ 78.5885, 0.2801,
0.3065

■ 29.8514, 0.4934,
0.4464

■ 82.4776, 0.2806,
0.3138

■ 86.5126, 0.2810,
0.3209

Harmonies

Analogous

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



50.5315, 0.3588, 0.3531



50.5315, 0.3497, 0.3666



50.5315, 0.3307, 0.3702

Triad

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



50.5315, 0.3497, 0.3666



50.5315, 0.2721, 0.3214



50.5315, 0.3168, 0.2992

Complementary

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



50.5315, 0.3497, 0.3666



40.9008, 0.2770, 0.2883

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.



50.5315, 0.2938, 0.2908



50.5315, 0.3497, 0.3666



50.5315, 0.2686, 0.3027

Square

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



50.5315, 0.3497, 0.3666



50.5315, 0.2860, 0.3434



50.5315, 0.2764, 0.2918



50.5315, 0.3395, 0.3147

Rectangle

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



50.5315, 0.3497, 0.3666



50.5315, 0.3152, 0.3659



50.5315, 0.2764, 0.2918



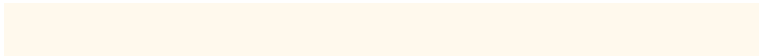
50.5315, 0.3088, 0.2955

Sweetspot

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



50.5338, 0.3497, 0.3666



95.1804, 0.3236, 0.3406



39.6366, 0.3430, 0.3101



20.2858, 0.3246, 0.3416



0.0000, 0.0000, 0.0000



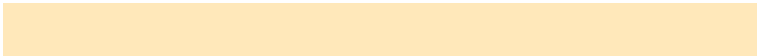
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



50.5338, 0.3497, 0.3666



82.6054, 0.3593, 0.3756



56.1811, 0.3398, 0.3852



12.4447, 0.3274, 0.3444



19.3888, 0.4922, 0.4474



1.1359, 0.4745, 0.4614

Inverse Universe

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



40.9008, 0.2770, 0.2883



63.2822, 0.2681, 0.2775



36.3151, 0.2818, 0.2684



11.4423, 0.2983, 0.3131



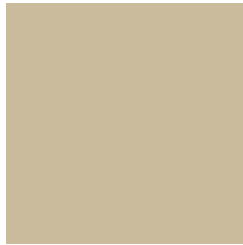
5.4788, 0.1636, 0.1090



0.4218, 0.1748, 0.1492

Previews

White Background



This preview shows how the Yxy color 50.5315, 0.3497, 0.3666 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 50.5315, 0.3497, 0.3666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

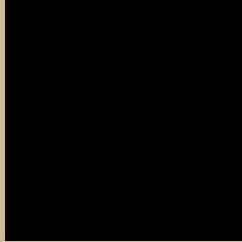
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.5315, 0.3497, 0.3666

Background



This preview shows how black text looks on a background with the Yxy color 50.5315, 0.3497, 0.3666.



This preview shows how white text looks on a background with the Yxy color 50.5315, 0.3497, 0.3666.

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

50.5315, 0.3497, 0.3666

Protanopia

50.5429, 0.3468, 0.3681

Deuteranopia

50.2681, 0.3641, 0.3567



Tritanopia

50.7068, 0.3228, 0.3123

Trichromacy



Original Color

50.5315, 0.3497, 0.3666

Protanomaly

50.6801, 0.3477, 0.3680

Deuteranomaly

50.3326, 0.3590, 0.3595

Tritanomaly

50.6375, 0.3323, 0.3315

Monochromacy



Original Color

50.5315, 0.3497, 0.3666

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.4782, 0.3255, 0.3429

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.5315, 0.3497, 0.3666 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(202, 187, 157)` looks like.

```
.text, #text, p{  
    color:rgb(202, 187, 157)  
}
```

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(202, 187, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 187, 157) }
```

Border

The CSS property to change the border of an element to Yxy 50.5315, 0.3497, 0.3666 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(202, 187, 157) }
```

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

```
.border{ border-color:rgb(202, 187, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 187, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 187, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 187, 157);  
box-shadow:4px 4px 4px 4px rgb(202, 187,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 50.5315, 0.3497, 0.3666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 187, 157) }
```

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

```
.background{ background-color: rgb(202,  
187, 157) }
```

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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