

Converting Colors

$Yxy(48.7628, 0.3480, 0.3662)$

Have a look what the booklet for
Yxy(48.7628, 0.3480, 0.3662)
contains.

Yxy(48.6533, 0.3486, 0.3659)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(48.6533, 0.3486, 0.3659)

Conversions

Conversions Part 1

Format	Color
Hex	C6B89B
RGB	198, 184, 155
RGB Percent	78%, 72%, 61%
CMY	0.2234, 0.2785, 0.3921
CMYK	0.00, 0.07, 0.22, 0.22
HSL	40°, 27%, 69%
HSV	40°, 22%, 78%
XYZ	46.3529, 48.6533, 37.9626
YIQ	184.8800, 17.6530, -6.0510

Conversions

Conversions Part 2

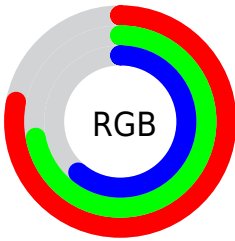
Format	Color
RYB	176, 198, 155
Decimal	13023387
CIELab	75.24, 0.31, 16.54
CIELCh	75, 16.540, 88.926
Yxy	48.6533, 0.3486, 0.3659
Android (android.graphics.Color)	4291213467 (0xFFC6B89B)
YUV	184.8800, -14.7308, 11.5062
Hunter-Lab	69.7519, -3.4455, 16.5577

Details

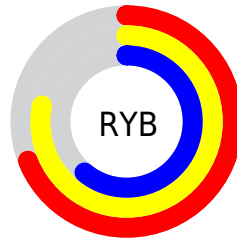
The Yxy color **48.6533, 0.3486, 0.3659** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.4441, 0.2779, 0.2891**, and the grayscale version is **48.5252, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.2333, 0.3418, 0.3589**, and **23.1614, 0.3586, 0.3755** is the 20% darker color. If you saturate the color by 10%, you get **45.4195, 0.3675, 0.3836**, and if you desaturate by 10%, it is **52.1233, 0.3312, 0.3485**.

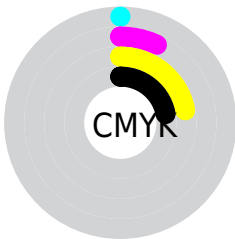
Distribution



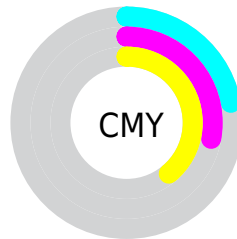
- Red (78%)
- Green (72%)
- Blue (61%)



- Red (69%)
- Yellow (78%)
- Blue (61%)



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





- Cyan (22%)
- Magenta (28%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.6533, 0.3486, 0.3659 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 48.6533, 0.3486, 0.3659 by changing the saturation by 10% instead.


 48.6533, 0.3486,
0.3659


 48.6533, 0.3486,
0.3659


381.3758, 0.3308,
0.3476

 34.3445, 0.3530,
0.3704


 88.1763, 0.3422,
0.3593

 23.1584, 0.3585,
0.3761

 114.1593, 0.3398,
0.3568

 14.7105, 0.3659,
0.3836


144.8026, 0.3377,
0.3547

 8.6165, 0.3759,
0.3938

180.4904, 0.3359,
0.3529

 4.4919, 0.3904,
0.4086

221.6073, 0.3344,
0.3513

 1.9523, 0.4151,
0.4337

268.5376, 0.3331,

 0.5796, 0.4907,

0.3499

0.5093

321.6656, 0.3319,
0.3487

0.0000, 0.0000,
0.0000

48.6533, 0.3486,
0.3659

48.6533, 0.3486,
0.3659

45.4195, 0.3675,
0.3836

52.1233, 0.3312,
0.3485

42.4085, 0.3876,
0.4010

55.8294, 0.3153,
0.3318

39.6149, 0.4083,
0.4172

59.7801, 0.3010,
0.3160

37.0309, 0.4290,
0.4312

63.9813, 0.2882,
0.3014

34.6475, 0.4488,
0.4419

68.4386, 0.2768,
0.2878

■ 32.4550, 0.4665,
0.4483

■ 71.8846, 0.2768,
0.2940

■ 30.4419, 0.4814,
0.4497

■ 75.4000, 0.2774,
0.3012

■ 28.8957, 0.4918,
0.4477

■ 79.0485, 0.2779,
0.3083

■ 82.8318, 0.2784,
0.3153

Harmonies

Analogous

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



48.6533, 0.3577, 0.3528



48.6533, 0.3486, 0.3659



48.6533, 0.3299, 0.3692

Triad

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



48.6533, 0.3486, 0.3659



48.6533, 0.2728, 0.3212



48.6533, 0.3171, 0.3000

Complementary

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



48.6533, 0.3486, 0.3659



39.4441, 0.2779, 0.2891

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.



48.6533, 0.2946, 0.2917



48.6533, 0.3486, 0.3659



48.6533, 0.2697, 0.3030

Square

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



48.6533, 0.3486, 0.3659



48.6533, 0.2863, 0.3427



48.6533, 0.2774, 0.2926



48.6533, 0.3392, 0.3154

Rectangle

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



48.6533, 0.3486, 0.3659



48.6533, 0.3148, 0.3648



48.6533, 0.2774, 0.2926



48.6533, 0.3093, 0.2964

Sweetspot

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



48.6555, 0.3486, 0.3659



95.2423, 0.3236, 0.3407



38.3348, 0.3420, 0.3106



20.3001, 0.3246, 0.3417



0.0000, 0.0000, 0.0000



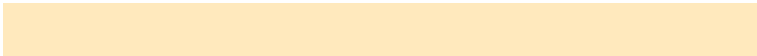
21.4041, 0.3127, 0.3290

Same Dimension

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



48.6555, 0.3486, 0.3659



83.4038, 0.3572, 0.3742



53.8297, 0.3391, 0.3837



11.8109, 0.3273, 0.3445



18.9457, 0.4906, 0.4487



1.0250, 0.4722, 0.4633

Inverse Universe

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



39.4441, 0.2779, 0.2891



64.2610, 0.2699, 0.2793



35.2257, 0.2827, 0.2702



10.8434, 0.2983, 0.3130



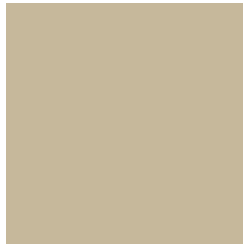
5.2219, 0.1633, 0.1077



0.3801, 0.1753, 0.1510

Previews

White Background



This preview shows how the Yxy color 48.6533, 0.3486, 0.3659 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 48.6533, 0.3486, 0.3659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

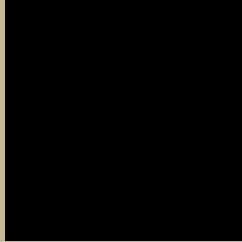
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.6533, 0.3486, 0.3659

Background



This preview shows how black text looks on a background with the Yxy color 48.6533, 0.3486, 0.3659.



This preview shows how white text looks on a background with the Yxy color 48.6533, 0.3486, 0.3659.

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

48.6533, 0.3486, 0.3659

Protanopia

48.6666, 0.3456, 0.3675

Deuteranopia

48.3872, 0.3631, 0.3559



Tritanopia

48.7870, 0.3221, 0.3120

Trichromacy



Original Color

48.6533, 0.3486, 0.3659

Protanomaly

48.8002, 0.3465, 0.3674

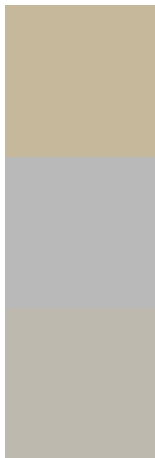
Deuteranomaly

48.4527, 0.3579, 0.3588

Tritanomaly

48.7199, 0.3317, 0.3315

Monochromacy



Original Color

48.6533, 0.3486, 0.3659

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.7011, 0.3257, 0.3431

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.6533, 0.3486, 0.3659 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, 184, 155)` looks like.

```
.text, #text, p{  
    color:rgb(198, 184, 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, 184, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 184, 155) }
```

Border

The CSS property to change the border of an element to Yxy 48.6533, 0.3486, 0.3659 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, 184, 155) }
```

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

```
.border{ border-color:rgb(198, 184, 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, 184, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 184, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 184, 155);  
box-shadow:4px 4px 4px 4px rgb(198, 184,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 48.6533, 0.3486, 0.3659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 184, 155) }
```

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

```
.background{ background-color: rgb(198,  
184, 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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