

Converting Colors

$Yxy(48.4563, 0.3409, 0.3585)$

Have a look what the booklet for
Yxy(48.4563, 0.3409, 0.3585)
contains.

Yxy(48.4563, 0.3409, 0.3585)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(48.4563, 0.3409, 0.3585)

Conversions

Conversions Part 1

Format	Color
Hex	C3B8A1
RGB	195, 184, 161
RGB Percent	76%, 72%, 63%
CMY	0.2353, 0.2784, 0.3687
CMYK	0.00, 0.06, 0.17, 0.24
HSL	41°, 22%, 70%
HSV	41°, 17%, 76%
XYZ	46.0774, 48.4563, 40.6303
YIQ	184.6670, 13.9390, -4.8210

Conversions

Conversions Part 2

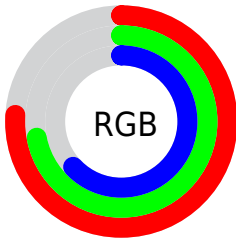
Format	Color
RYB	177, 195, 161
Decimal	12826785
CIELab	75.11, 0.06, 13.10
CIELCh	75, 13.101, 89.737
Yxy	48.4563, 0.3409, 0.3585
Android (android.graphics.Color)	4291016865 (0xFFC3B8A1)
YUV	184.6670, -11.6678, 9.0620
Hunter-Lab	69.6106, -3.6637, 14.1210

Details

The Yxy color **48.4563, 0.3409, 0.3585** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **41.0078, 0.2852, 0.2976**, and the grayscale version is **48.3815, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.9735, 0.3359, 0.3530**, and **22.9994, 0.3491, 0.3673** is the 20% darker color. If you saturate the color by 10%, you get **45.2636, 0.3591, 0.3762**, and if you desaturate by 10%, it is **51.8772, 0.3242, 0.3413**.

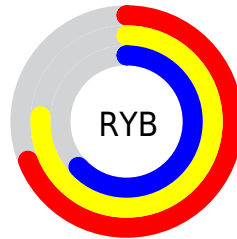
Distribution



Red (76%)

Green (72%)

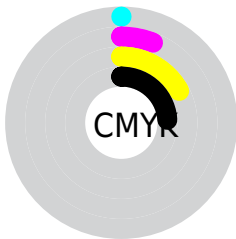
Blue (63%)



Red (69%)

Yellow (76%)

Blue (63%)

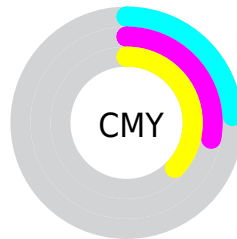


Cyan (0%)

Magenta (6%)

Yellow (17%)

Black (24%)



Cyan (24%)


Magenta (28%)


Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.4563, 0.3409, 0.3585 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 48.4563, 0.3409, 0.3585 by changing the saturation by 10% instead.


 48.4563, 0.3409,
0.3585


 48.4563, 0.3409,
0.3585


380.5979, 0.3269,
0.3439

 34.1884, 0.3444,
0.3621


 87.8834, 0.3358,
0.3532

 23.0384, 0.3488,
0.3667


 113.8114, 0.3339,
0.3512

 14.6218, 0.3546,
0.3728


144.3948, 0.3323,
0.3495

 8.5544, 0.3626,
0.3812

180.0181, 0.3309,
0.3481

 4.4517, 0.3744,
0.3935

221.0657, 0.3297,
0.3468

 1.9293, 0.3931,
0.4130

267.9219, 0.3287,

 0.5659, 0.4880,

0.3457

0.5120

320.9712, 0.3277,
0.3447

0.0000, 0.0000,
0.0000

48.4563, 0.3409,
0.3585

48.4563, 0.3409,
0.3585

45.2636, 0.3591,
0.3762

51.8772, 0.3242,
0.3413

42.2861, 0.3787,
0.3938

55.5260, 0.3090,
0.3249

39.5192, 0.3991,
0.4107

59.4106, 0.2954,
0.3096

36.9555, 0.4198,
0.4259

63.5366, 0.2832,
0.2953

34.5869, 0.4400,
0.4382

67.6833, 0.2743,
0.2857

■ 32.4044, 0.4585,
0.4466

■ 70.9643, 0.2749,
0.2928

■ 30.3979, 0.4746,
0.4503

■ 74.3703, 0.2755,
0.2998

■ 28.5536, 0.4877,
0.4491

■ 77.9027, 0.2760,
0.3068

■ 28.1034, 0.4908,
0.4485

■ 81.5628, 0.2766,
0.3136

Harmonies

Analogous

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



48.4563, 0.3482, 0.3485



48.4563, 0.3409, 0.3585



48.4563, 0.3260, 0.3606

Triad

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



48.4563, 0.3409, 0.3585



48.4563, 0.2807, 0.3226



48.4563, 0.3168, 0.3061

Complementary

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



48.4563, 0.3409, 0.3585



41.0078, 0.2852, 0.2976

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.



48.4563, 0.2988, 0.2993



48.4563, 0.3409, 0.3585



48.4563, 0.2784, 0.3082

Square

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



48.4563, 0.3409, 0.3585



48.4563, 0.2914, 0.3394



48.4563, 0.2849, 0.2999



48.4563, 0.3341, 0.3186

Rectangle

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



48.4563, 0.3409, 0.3585



48.4563, 0.3140, 0.3569



48.4563, 0.2849, 0.2999



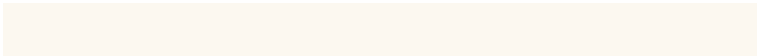
48.4563, 0.3106, 0.3031

Sweetspot

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



48.4585, 0.3409, 0.3585



94.4241, 0.3204, 0.3373



40.0739, 0.3352, 0.3144



20.5773, 0.3215, 0.3385



0.0000, 0.0000, 0.0000



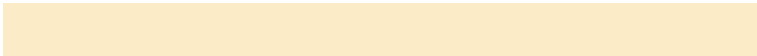
21.4041, 0.3127, 0.3290

Same Dimension

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



48.4585, 0.3409, 0.3585



84.5238, 0.3478, 0.3653



52.4641, 0.3338, 0.3725



11.1919, 0.3272, 0.3445



18.4233, 0.4896, 0.4495



0.9166, 0.4703, 0.4648

Inverse Universe

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



41.0078, 0.2852, 0.2976



68.6603, 0.2786, 0.2898



37.5980, 0.2893, 0.2829



10.2675, 0.2984, 0.3130



5.0086, 0.1631, 0.1071



0.3434, 0.1761, 0.1539

Previews

White Background



This preview shows how the Yxy color 48.4563, 0.3409, 0.3585 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 48.4563, 0.3409, 0.3585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

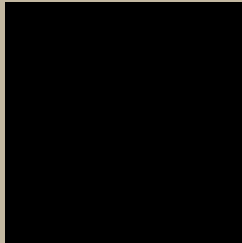
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.4563, 0.3409, 0.3585

Background



This preview shows how black text looks on a background with the Yxy color 48.4563, 0.3409, 0.3585.



This preview shows how white text looks on a background with the Yxy color 48.4563, 0.3409, 0.3585.

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

48.4563, 0.3409, 0.3585

Protanopia

48.3235, 0.3400, 0.3585

Deuteranopia

48.2983, 0.3560, 0.3487



Tritanopia

48.2326, 0.3187, 0.3118

Trichromacy



Original Color

48.4563, 0.3409, 0.3585

Protanomaly

48.3235, 0.3400, 0.3585

Deuteranomaly

48.2303, 0.3500, 0.3515

Tritanomaly

48.3897, 0.3274, 0.3290

Monochromacy



Original Color

48.4563, 0.3409, 0.3585

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.6513, 0.3232, 0.3406

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.4563, 0.3409, 0.3585 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(195, 184, 161)` looks like.

```
.text, #text, p{  
    color:rgb(195, 184, 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(195, 184, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 184, 161) }
```

Border

The CSS property to change the border of an element to Yxy 48.4563, 0.3409, 0.3585 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(195, 184, 161) }
```

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

```
.border{ border-color:rgb(195, 184, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 184, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 184, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 184, 161);  
box-shadow:4px 4px 4px 4px rgb(195, 184,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 48.4563, 0.3409, 0.3585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 184, 161) }
```

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

```
.background{ background-color: rgb(195,  
184, 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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