

Converting Colors

$Yxy(48.4122, 0.3611, 0.3489)$

Have a look what the booklet for
Yxy(48.4122, 0.3611, 0.3489)
contains.

Yxy(48.4646, 0.3608, 0.3485)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(48.4646, 0.3608, 0.3485)

Conversions

Conversions Part 1

Format	Color
Hex	D7B1A1
RGB	215, 177, 161
RGB Percent	84%, 69%, 63%
CMY	0.1569, 0.3058, 0.3686
CMYK	0.00, 0.18, 0.25, 0.16
HSL	18°, 40%, 74%
HSV	18°, 25%, 84%
XYZ	50.1751, 48.4646, 40.4266
YIQ	186.5380, 27.7840, 3.0800

Conversions

Conversions Part 2

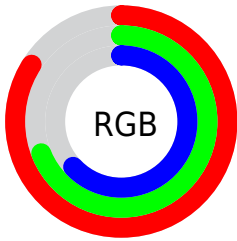
Format	Color
R _Y B	215, 184, 161
Decimal	14135713
CIE Lab	75.12, 11.35, 13.35
CIE LCh	75, 17.525, 49.627
Yxy	48.4646, 0.3608, 0.3485
Android (android.graphics.Color)	4292325793 (0xFFD7B1A1)
YUV	186.5380, -12.5902, 24.9612
Hunter-Lab	69.6165, 6.8224, 14.3016

Details

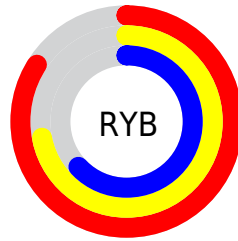
The Yxy color **48.4646, 0.3608, 0.3485** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.3134, 0.2742, 0.3086**, and the grayscale version is **49.4811, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.4957, 0.3390, 0.3460**, and **22.8904, 0.3747, 0.3534** is the 20% darker color. If you saturate the color by 10%, you get **42.1259, 0.3863, 0.3567**, and if you desaturate by 10%, it is **55.6000, 0.3391, 0.3404**.

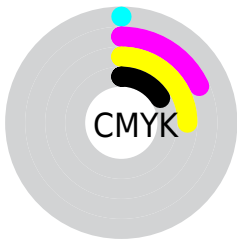
Distribution



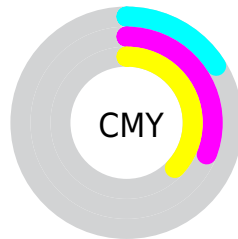
- Red (84%)
- Green (69%)
- Blue (63%)



- Red (84%)
- Yellow (72%)
- Blue (63%)



- Cyan (0%)
- Magenta (18%)
- Yellow (25%)
- Black (16%)





- Cyan (16%)
- Magenta (31%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.4646, 0.3608, 0.3485 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 48.4646, 0.3608, 0.3485 by changing the saturation by 10% instead.


 48.4646, 0.3608,
0.3485


 48.4646, 0.3608,
0.3485

380.6307, 0.3367,
0.3393

 34.1950, 0.3668,
0.3506


 87.8957, 0.3521,
0.3453

 23.0434, 0.3745,
0.3533


 113.8260, 0.3488,
0.3440

 14.6256, 0.3847,
0.3566


144.4120, 0.3460,
0.3429

 8.5570, 0.3989,
0.3610

180.0380, 0.3436,
0.3420

 4.4534, 0.4199,
0.3667

221.0885, 0.3415,
0.3412

 1.9303, 0.4537,
0.3741

267.9479, 0.3397,

 0.5665, 0.5901,

0.3405

0.4099

321.0005, 0.3381,
0.3398

0.0000, 0.0000,
0.0000

48.4646, 0.3608,
0.3485

48.4646, 0.3608,
0.3485

42.1259, 0.3863,
0.3567

55.6000, 0.3391,
0.3404

36.5491, 0.4159,
0.3646

63.5522, 0.3209,
0.3327

31.7065, 0.4494,
0.3715

72.3488, 0.3055,
0.3256

27.5661, 0.4859,
0.3763

82.0140, 0.2926,
0.3190

24.0935, 0.5231,
0.3777

91.6716, 0.2887,
0.3265

■ 21.2508, 0.5580,
0.3749

■ 93.1843, 0.2888,
0.3289

■ 18.9956, 0.5868,
0.3674

■ 18.0861, 0.5987,
0.3629

Harmonies

Analogous

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



48.4646, 0.3530, 0.3283



48.4646, 0.3608, 0.3485



48.4646, 0.3551, 0.3647

Triad

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



48.4646, 0.3608, 0.3485



48.4646, 0.2909, 0.3502



48.4646, 0.2870, 0.2887

Complementary

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



48.4646, 0.3608, 0.3485



53.3134, 0.2742, 0.3086

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.



48.4646, 0.2716, 0.2928



48.4646, 0.3608, 0.3485



48.4646, 0.2738, 0.3277

Square

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



48.4646, 0.3608, 0.3485



48.4646, 0.3143, 0.3668



48.4646, 0.2669, 0.3066



48.4646, 0.3097, 0.2947

Rectangle

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



48.4646, 0.3608, 0.3485



48.4646, 0.3446, 0.3708



48.4646, 0.2669, 0.3066



48.4646, 0.2808, 0.2889

Sweetspot

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



48.4668, 0.3608, 0.3485



89.9399, 0.3260, 0.3350



44.0886, 0.3289, 0.2835



18.8652, 0.3287, 0.3361



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.



48.4668, 0.3608, 0.3485



66.3589, 0.3735, 0.3528



59.8640, 0.3535, 0.3787



13.0153, 0.3284, 0.3360



10.9814, 0.5960, 0.3650



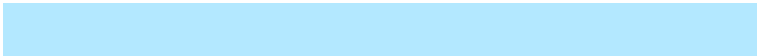
0.8055, 0.5616, 0.3923

Inverse Universe

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



53.3134, 0.2742, 0.3086



74.6291, 0.2665, 0.3038



42.2521, 0.2712, 0.2738



13.4567, 0.2982, 0.3219



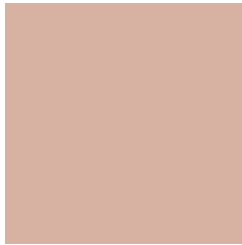
16.4069, 0.1972, 0.2299



1.1305, 0.2025, 0.2491

Previews

White Background



This preview shows how the Yxy color 48.4646, 0.3608, 0.3485 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 48.4646, 0.3608, 0.3485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

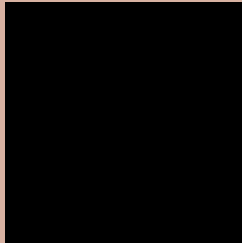
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.4646, 0.3608, 0.3485

Background



This preview shows how black text looks on a background with the Yxy color 48.4646, 0.3608, 0.3485.



This preview shows how white text looks on a background with the Yxy color 48.4646, 0.3608, 0.3485.

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

48.4646, 0.3608, 0.3485

Protanopia

48.7520, 0.3356, 0.3547

Deuteranopia

48.4110, 0.3578, 0.3499



Tritanopia

48.3804, 0.3413, 0.3126

Trichromacy



Original Color

48.4646, 0.3608, 0.3485

Protanomaly

48.5537, 0.3442, 0.3517

Deuteranomaly

48.5601, 0.3587, 0.3498

Tritanomaly

48.2382, 0.3482, 0.3243

Monochromacy



Original Color

48.4646, 0.3608, 0.3485

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

48.9516, 0.3288, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.4646, 0.3608, 0.3485 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(215, 177, 161)` looks like.

```
.text, #text, p{  
    color:rgb(215, 177, 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(215, 177, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 177, 161) }
```

Border

The CSS property to change the border of an element to Yxy 48.4646, 0.3608, 0.3485 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(215, 177, 161) }
```

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

```
.border{ border-color:rgb(215, 177, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 177, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 177, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 177, 161);  
box-shadow:4px 4px 4px 4px rgb(215, 177,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 48.4646, 0.3608, 0.3485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 177, 161) }
```

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

```
.background{ background-color: rgb(215,  
177, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor