

Converting Colors

$Yxy(48.3982, 0.3381, 0.3455)$

Have a look what the booklet for
Yxy(48.3982, 0.3381, 0.3455)
contains.

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Color

Yxy(48.4626, 0.3382, 0.3454)

Conversions

Conversions Part 1

Format	Color
Hex	C7B6A9
RGB	199, 182, 169
RGB Percent	78%, 71%, 66%
CMY	0.2194, 0.2863, 0.3372
CMYK	0.00, 0.09, 0.15, 0.22
HSL	26°, 21%, 72%
HSV	26°, 15%, 78%
XYZ	47.4524, 48.4626, 44.3936
YIQ	185.6010, 14.3050, -0.4390

Conversions

Conversions Part 2

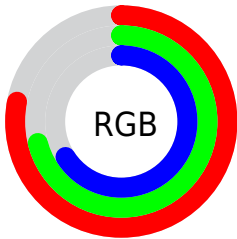
Format	Color
R_{YB}	199, 192, 169
Decimal	13088425
CIE Lab	75.12, 3.91, 8.79
CIE LCh	75, 9.624, 66.017
Yxy	48.4626, 0.3382, 0.3454
Android (android.graphics.Color)	4291278505 (0xFFC7B6A9)
YUV	185.6010, -8.1843, 11.7509
Hunter-Lab	69.6151, -0.1538, 10.9212

Details

The Yxy color **48.4626, 0.3382, 0.3454** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.7086, 0.2894, 0.3120**, and the grayscale version is **48.9129, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.7909, 0.3330, 0.3429**, and **23.0046, 0.3455, 0.3495** is the 20% darker color. If you saturate the color by 10%, you get **43.3286, 0.3584, 0.3570**, and if you desaturate by 10%, it is **54.0885, 0.3207, 0.3344**.

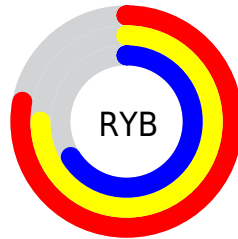
Distribution



Red (78%)

Green (71%)

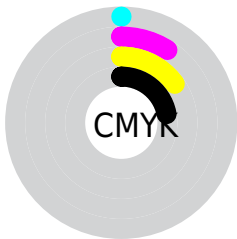
Blue (66%)



Red (78%)

Yellow (75%)

Blue (66%)

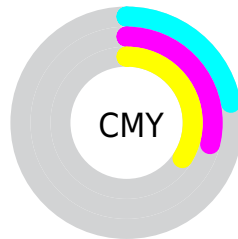


Cyan (0%)

Magenta (9%)

Yellow (15%)

Black (22%)



Cyan (22%)


Magenta (29%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.4626, 0.3382, 0.3454 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 48.4626, 0.3382, 0.3454 by changing the saturation by 10% instead.


 48.4626, 0.3382,
0.3454

 48.4626, 0.3382,
0.3454

380.6228, 0.3255,
0.3374

 34.1934, 0.3414,
0.3474

 87.8928, 0.3336,
0.3425

 23.0422, 0.3454,
0.3499


113.8225, 0.3319,
0.3414

 14.6247, 0.3508,
0.3531


144.4079, 0.3304,
0.3405

 8.5564, 0.3583,
0.3576

180.0332, 0.3291,
0.3397

 4.4530, 0.3695,
0.3641

221.0830, 0.3280,
0.3390

 1.9300, 0.3877,
0.3742

267.9416, 0.3271,

 0.5663, 0.5273,

0.3384

0.4712

320.9934, 0.3262,
0.3378

0.0000, 0.0000,
0.0000

48.4626, 0.3382,
0.3454

48.4626, 0.3382,
0.3454

43.3286, 0.3584,
0.3570

54.0885, 0.3207,
0.3344

38.6661, 0.3815,
0.3687

60.2132, 0.3056,
0.3240

34.4627, 0.4075,
0.3801

66.8515, 0.2926,
0.3144

30.7029, 0.4360,
0.3903

74.0156, 0.2813,
0.3056

27.3702, 0.4663,
0.3983

80.8148, 0.2787,
0.3114

■ 24.4468, 0.4969,
0.4027

■ 87.6242, 0.2796,
0.3235

■ 21.9132, 0.5256,
0.4023

■ 90.8886, 0.2800,
0.3289

■ 19.7474, 0.5503,
0.3965

■ 18.8049, 0.5613,
0.3925

Harmonies

Analogous

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



48.4626, 0.3379, 0.3352



48.4626, 0.3382, 0.3454



48.4626, 0.3315, 0.3515

Triad

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



48.4626, 0.3382, 0.3454



48.4626, 0.2949, 0.3342



48.4626, 0.3052, 0.3076

Complementary

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



48.4626, 0.3382, 0.3454



47.7086, 0.2894, 0.3120

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.



48.4626, 0.2940, 0.3069



48.4626, 0.3382, 0.3454



48.4626, 0.2882, 0.3220

Square

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



48.4626, 0.3382, 0.3454



48.4626, 0.3065, 0.3451



48.4626, 0.2878, 0.3121



48.4626, 0.3186, 0.3137

Rectangle

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



48.4626, 0.3382, 0.3454



48.4626, 0.3241, 0.3523



48.4626, 0.2878, 0.3121



48.4626, 0.3010, 0.3067

Sweetspot

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



48.4648, 0.3382, 0.3454



94.6726, 0.3207, 0.3343



44.0961, 0.3251, 0.3071



20.1075, 0.3218, 0.3351



0.0000, 0.0000, 0.0000



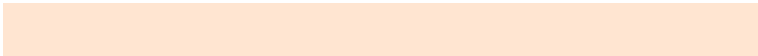
21.4041, 0.3127, 0.3290

Same Dimension

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



48.4648, 0.3382, 0.3454



81.8698, 0.3443, 0.3490



54.7392, 0.3355, 0.3631



11.3781, 0.3279, 0.3390



12.2528, 0.5590, 0.3944



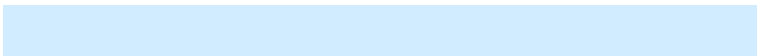
0.7235, 0.5228, 0.4231

Inverse Universe

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



47.7086, 0.2894, 0.3120



80.3024, 0.2844, 0.3081



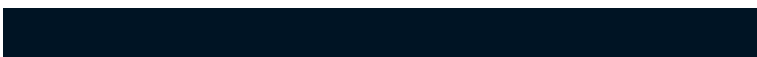
41.8820, 0.2887, 0.2925



11.2704, 0.2983, 0.3188



10.4248, 0.1840, 0.1824



0.6356, 0.1933, 0.2160

Previews

White Background



This preview shows how the Yxy color 48.4626, 0.3382, 0.3454 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 48.4626, 0.3382, 0.3454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

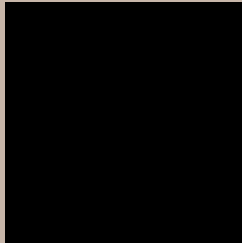
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

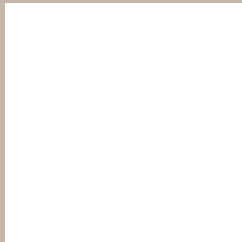
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.4626, 0.3382, 0.3454

Background



This preview shows how black text looks on a background with the Yxy color 48.4626, 0.3382, 0.3454.



This preview shows how white text looks on a background with the Yxy color 48.4626, 0.3382, 0.3454.

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

48.4626, 0.3382, 0.3454

Protanopia

48.3897, 0.3308, 0.3470

Deuteranopia

48.2984, 0.3471, 0.3389



Tritanopia

48.6025, 0.3221, 0.3131

Trichromacy



Original Color

48.4626, 0.3382, 0.3454

Protanomaly

48.3714, 0.3336, 0.3456

Deuteranomaly

48.1216, 0.3433, 0.3402

Tritanomaly

48.5207, 0.3277, 0.3241

Monochromacy



Original Color

48.4626, 0.3382, 0.3454

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.0696, 0.3217, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.4626, 0.3382, 0.3454 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(199, 182, 169)` looks like.

```
.text, #text, p{  
    color:rgb(199, 182, 169)  
}
```

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(199, 182, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 182, 169) }
```

Border

The CSS property to change the border of an element to Yxy 48.4626, 0.3382, 0.3454 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(199, 182, 169) }
```

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

```
.border{ border-color:rgb(199, 182, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 182, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 182, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 182, 169);  
box-shadow:4px 4px 4px 4px rgb(199, 182,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 48.4626, 0.3382, 0.3454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 182, 169) }
```

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

```
.background{ background-color: rgb(199,  
182, 169) }
```

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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