

Converting Colors

$Yxy(48.4850, 0.3473, 0.3608)$

Have a look what the booklet for
Yxy(48.4850, 0.3473, 0.3608)
contains.

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Color

Yxy(48.4777, 0.3472, 0.3607)

Conversions

Conversions Part 1

Format	Color
Hex	C7B79E
RGB	199, 183, 158
RGB Percent	78%, 72%, 62%
CMY	0.2195, 0.2824, 0.3803
CMYK	0.00, 0.08, 0.21, 0.22
HSL	37°, 27%, 70%
HSV	37°, 21%, 78%
XYZ	46.6633, 48.4777, 39.2579
YIQ	184.9340, 17.5610, -4.3830

Conversions

Conversions Part 2

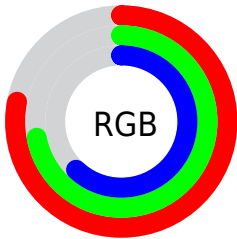
Format	Color
RYB	184, 199, 158
Decimal	13088670
CIELab	75.13, 1.66, 14.76
CIELCh	75, 14.857, 83.584
Yxy	48.4777, 0.3472, 0.3607
Android (android.graphics.Color)	4291278750 (0xFFC7B79E)
YUV	184.9340, -13.2785, 12.3359
Hunter-Lab	69.6259, -2.2146, 15.3080

Details

The Yxy color $48.4777, 0.3472, 0.3607$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $41.6872, 0.2801, 0.2951$, and the grayscale version is $48.5481, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.7971, 0.3400, 0.3549$, and $23.0465, 0.3568, 0.3685$ is the 20% darker color. If you saturate the color by 10%, you get $44.7283, 0.3667, 0.3769$, and if you desaturate by 10%, it is $52.5198, 0.3295, 0.3449$.

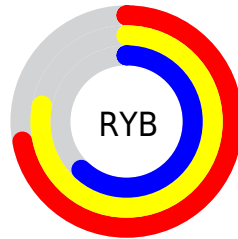
Distribution



Red (78%)

Green (72%)

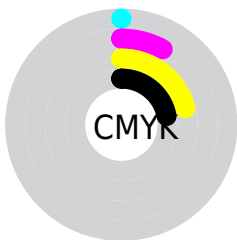
Blue (62%)



Red (72%)

Yellow (78%)

Blue (62%)

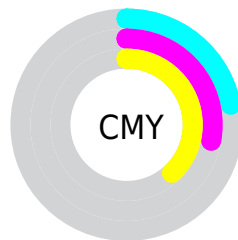


Cyan (0%)

Magenta (8%)

Yellow (21%)

Black (22%)



Cyan (22%)

Magenta (28%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.4777, 0.3472, 0.3607 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 48.4777, 0.3472, 0.3607 by changing the saturation by 10% instead.


 48.4777, 0.3472,
0.3607


 48.4777, 0.3472,
0.3607


380.6825, 0.3301,
0.3451

 34.2053, 0.3514,
0.3645


 87.9152, 0.3410,
0.3551

 23.0514, 0.3569,
0.3694


 113.8492, 0.3387,
0.3529

 14.6315, 0.3640,
0.3758


144.4391, 0.3367,
0.3511

 8.5611, 0.3738,
0.3846

180.0695, 0.3350,
0.3496

 4.4561, 0.3882,
0.3972

221.1246, 0.3335,
0.3482

 1.9318, 0.4117,
0.4174

267.9888, 0.3322,

 0.5674, 0.5054,

0.3470

0.4946

321.0467, 0.3311,
0.3460

0.0000, 0.0000,
0.0000

48.4777, 0.3472,
0.3607

48.4777, 0.3472,
0.3607

44.7283, 0.3667,
0.3769

52.5198, 0.3295,
0.3449

41.2570, 0.3879,
0.3928

56.8557, 0.3136,
0.3299

38.0571, 0.4104,
0.4079

61.4951, 0.2995,
0.3157

35.1194, 0.4333,
0.4209

66.4451, 0.2870,
0.3026

32.4338, 0.4559,
0.4308

71.5478, 0.2773,
0.2931

■ 29.9891, 0.4769,
0.4365

■ 75.7728, 0.2780,
0.3017

■ 27.7725, 0.4952,
0.4371

■ 80.1909, 0.2786,
0.3102

■ 25.8761, 0.5097,
0.4335

■ 84.8045, 0.2792,
0.3186

■ 89.6160, 0.2798,
0.3268

Harmonies

Analogous

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



48.4777, 0.3534, 0.3479



48.4777, 0.3472, 0.3607



48.4777, 0.3317, 0.3653

Triad

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



48.4777, 0.3472, 0.3607



48.4777, 0.2783, 0.3255



48.4777, 0.3130, 0.3010

Complementary

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



48.4777, 0.3472, 0.3607



41.6872, 0.2801, 0.2951

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.



48.4777, 0.2932, 0.2949



48.4777, 0.3472, 0.3607



48.4777, 0.2736, 0.3082

Square

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



48.4777, 0.3472, 0.3607



48.4777, 0.2920, 0.3446



48.4777, 0.2790, 0.2973



48.4777, 0.3333, 0.3139

Rectangle

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



48.4777, 0.3472, 0.3607



48.4777, 0.3183, 0.3626



48.4777, 0.2790, 0.2973



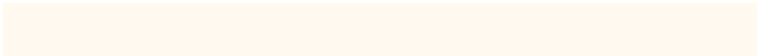
48.4777, 0.3060, 0.2981

Sweetspot

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



48.4799, 0.3472, 0.3607



95.2973, 0.3221, 0.3380



39.6806, 0.3376, 0.3081



20.2905, 0.3232, 0.3390



0.0000, 0.0000, 0.0000



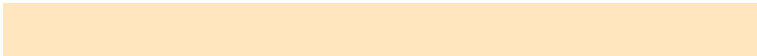
21.4041, 0.3127, 0.3290

Same Dimension

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



48.4799, 0.3472, 0.3607



81.6731, 0.3563, 0.3684



54.9153, 0.3400, 0.3804



11.6941, 0.3275, 0.3431



16.8103, 0.5081, 0.4348



0.9339, 0.4849, 0.4532

Inverse Universe

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



41.6872, 0.2801, 0.2951



67.5255, 0.2720, 0.2861



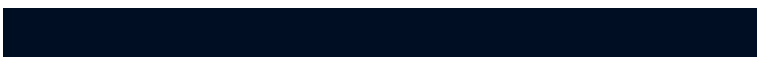
36.2827, 0.2821, 0.2732



10.9561, 0.2983, 0.3145



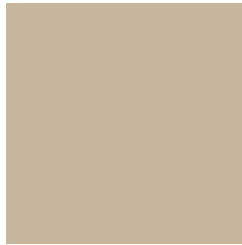
6.2940, 0.1681, 0.1252



0.4384, 0.1799, 0.1677

Previews

White Background



This preview shows how the Yxy color 48.4777, 0.3472, 0.3607 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 48.4777, 0.3472, 0.3607 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

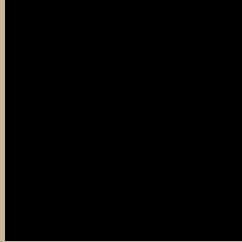
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.4777, 0.3472, 0.3607

Background



This preview shows how black text looks on a background with the Yxy color 48.4777, 0.3472, 0.3607.



This preview shows how white text looks on a background with the Yxy color 48.4777, 0.3472, 0.3607.

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

48.4777, 0.3472, 0.3607

Protanopia

48.6705, 0.3414, 0.3624

Deuteranopia

48.3410, 0.3595, 0.3523



Tritanopia

48.3431, 0.3231, 0.3120

Trichromacy



Original Color

48.4777, 0.3472, 0.3607

Protanomaly

48.5199, 0.3434, 0.3610

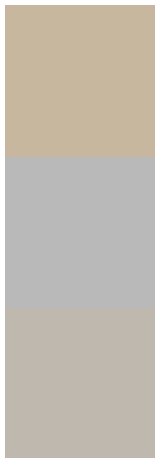
Deuteranomaly

48.4111, 0.3544, 0.3551

Tritanomaly

48.4944, 0.3319, 0.3291

Monochromacy



Original Color

48.4777, 0.3472, 0.3607

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.3233, 0.3250, 0.3406

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.4777, 0.3472, 0.3607 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, 183, 158)` looks like.

```
.text, #text, p{  
    color:rgb(199, 183, 158)  
}
```

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, 183, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 183, 158) }
```

Border

The CSS property to change the border of an element to Yxy 48.4777, 0.3472, 0.3607 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, 183, 158) }
```

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

```
.border{ border-color:rgb(199, 183, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 183, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 183, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 183, 158);  
box-shadow:4px 4px 4px 4px rgb(199, 183,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 48.4777, 0.3472, 0.3607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 183, 158) }
```

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

```
.background{ background-color: rgb(199,  
183, 158) }
```

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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