

Converting Colors

$Yxy(48.1744, 0.3470, 0.3572)$

Have a look what the booklet for
Yxy(48.1744, 0.3470, 0.3572)
contains.

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Color

Yxy(48.2733, 0.3467, 0.3569)

Conversions

Conversions Part 1

Format	Color
Hex	C8B6A0
RGB	200, 182, 160
RGB Percent	78%, 71%, 63%
CMY	0.2156, 0.2863, 0.3727
CMYK	0.00, 0.09, 0.20, 0.22
HSL	33°, 27%, 71%
HSV	33°, 20%, 78%
XYZ	46.8937, 48.2733, 40.0902
YIQ	184.8740, 17.7900, -3.0260

Conversions

Conversions Part 2

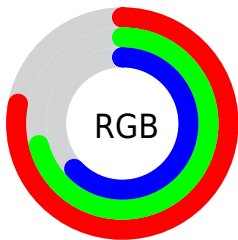
Format	Color
R_{YB}	193, 200, 160
Decimal	13153952
CIE _{Lab}	75.00, 2.86, 13.54
CIE _{LCh}	75, 13.843, 78.073
Yxy	48.2733, 0.3467, 0.3569
Android (android.graphics.Color)	4291344032 (0xFFC8B6A0)
YUV	184.8740, -12.2629, 13.2655
Hunter-Lab	69.4790, -1.1127, 14.4242

Details

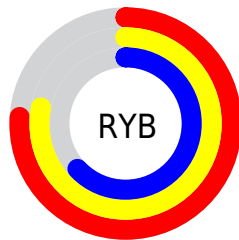
The Yxy color $48.2733, 0.3467, 0.3569$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $43.4771, 0.2812, 0.2994$, and the grayscale version is $48.5051, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.3154, 0.3389, 0.3519$, and $22.8942, 0.3573, 0.3650$ is the 20% darker color. If you saturate the color by 10%, you get $44.0629, 0.3669, 0.3716$, and if you desaturate by 10%, it is $52.8375, 0.3287, 0.3426$.

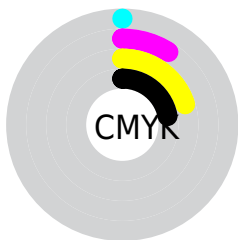
Distribution



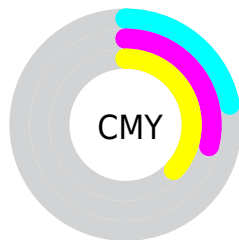
- Red (78%)
- Green (71%)
- Blue (63%)



- Red (76%)
- Yellow (78%)
- Blue (63%)



- Cyan (0%)
- Magenta (9%)
- Yellow (20%)
- Black (22%)




- Cyan (22%)
- Magenta (29%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.2733, 0.3467, 0.3569 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 48.2733, 0.3467, 0.3569 by changing the saturation by 10% instead.


 48.2733, 0.3467,
0.3569


 48.2733, 0.3467,
0.3569

379.8744, 0.3298,
0.3432

 34.0434, 0.3509,
0.3603


 87.6112, 0.3406,
0.3520

 22.9269, 0.3563,
0.3645


 113.4879, 0.3383,
0.3501

 14.5396, 0.3634,
0.3701


144.0157, 0.3363,
0.3485

 8.4969, 0.3732,
0.3777

179.5790, 0.3346,
0.3471

 4.4145, 0.3877,
0.3887

220.5621, 0.3332,
0.3459

 1.9080, 0.4111,
0.4058

267.3494, 0.3319,

 0.5532, 0.5185,

0.3449

0.4815

320.3254, 0.3308,
0.3440

0.0000, 0.0000,
0.0000

48.2733, 0.3467,
0.3569

48.2733, 0.3467,
0.3569

44.0629, 0.3669,
0.3716

52.8375, 0.3287,
0.3426

40.1900, 0.3891,
0.3862

57.7583, 0.3127,
0.3290

36.6464, 0.4131,
0.4000

63.0468, 0.2987,
0.3163

33.4211, 0.4382,
0.4119

68.7115, 0.2864,
0.3046

30.5022, 0.4634,
0.4209

74.4356, 0.2784,
0.2988

■ 27.8765, 0.4874,
0.4256

■ 79.4870, 0.2791,
0.3087

■ 25.5294, 0.5087,
0.4251

■ 84.7995, 0.2798,
0.3184

■ 23.4414, 0.5268,
0.4199

■ 90.3767, 0.2805,
0.3278

■ 91.0217, 0.2805,
0.3289

Harmonies

Analogous

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



48.2733, 0.3506, 0.3439



48.2733, 0.3467, 0.3569



48.2733, 0.3336, 0.3627

Triad

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



48.2733, 0.3467, 0.3569



48.2733, 0.2824, 0.3291



48.2733, 0.3094, 0.3012

Complementary

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



48.2733, 0.3467, 0.3569



43.4771, 0.2812, 0.2994

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.



48.2733, 0.2915, 0.2969



48.2733, 0.3467, 0.3569



48.2733, 0.2763, 0.3123

Square

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



48.2733, 0.3467, 0.3569



48.2733, 0.2964, 0.3465



48.2733, 0.2796, 0.3007



48.2733, 0.3287, 0.3123

Rectangle

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



48.2733, 0.3467, 0.3569



48.2733, 0.3215, 0.3614



48.2733, 0.2796, 0.3007



48.2733, 0.3030, 0.2989

Sweetspot

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



48.2755, 0.3467, 0.3569



94.7403, 0.3222, 0.3372



40.6276, 0.3349, 0.3062



20.1588, 0.3232, 0.3381



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.



48.2755, 0.3467, 0.3569



80.3407, 0.3551, 0.3632



55.8612, 0.3409, 0.3786



11.5880, 0.3276, 0.3417



15.0833, 0.5248, 0.4215



0.8574, 0.4971, 0.4435

Inverse Universe

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



43.4771, 0.2812, 0.2994



70.5511, 0.2741, 0.2922



36.9814, 0.2814, 0.2746



11.0601, 0.2983, 0.3160



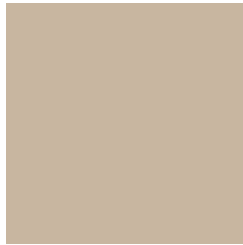
7.4717, 0.1731, 0.1431



0.4979, 0.1843, 0.1835

Previews

White Background



This preview shows how the Yxy color 48.2733, 0.3467, 0.3569 looks on a white background.

Color Contrast Check

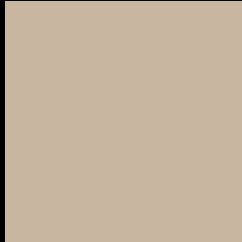
Large Text (above 18pt) WCAG AA × Fail

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 48.2733, 0.3467, 0.3569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

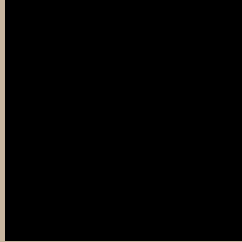
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

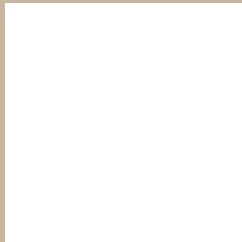
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.2733, 0.3467, 0.3569

Background



This preview shows how black text looks on a background with the Yxy color 48.2733, 0.3467, 0.3569.



This preview shows how white text looks on a background with the Yxy color 48.2733, 0.3467, 0.3569.

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

48.2733, 0.3467, 0.3569

Protanopia

48.1916, 0.3391, 0.3586

Deuteranopia

48.2629, 0.3569, 0.3499



Tritanopia

48.0432, 0.3249, 0.3120

Trichromacy



Original Color

48.2733, 0.3467, 0.3569

Protanomaly

48.1759, 0.3420, 0.3571

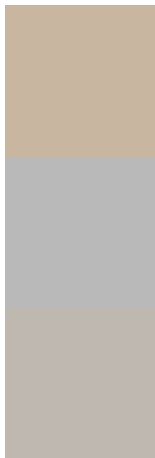
Deuteranomaly

48.0788, 0.3529, 0.3514

Tritanomaly

48.2320, 0.3330, 0.3278

Monochromacy



Original Color

48.2733, 0.3467, 0.3569

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.3627, 0.3242, 0.3393

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.2733, 0.3467, 0.3569 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(200, 182, 160)` looks like.

```
.text, #text, p{  
    color:rgb(200, 182, 160)  
}
```

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(200, 182, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 182, 160) }
```

Border

The CSS property to change the border of an element to Yxy 48.2733, 0.3467, 0.3569 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(200, 182, 160) }
```

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

```
.border{ border-color:rgb(200, 182, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 182, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 182, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 182, 160);  
box-shadow:4px 4px 4px 4px rgb(200, 182,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 48.2733, 0.3467, 0.3569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 182, 160) }
```

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

```
.background{ background-color: rgb(200,  
182, 160) }
```

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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