

Converting Colors

$Yxy(48.2475, 0.3505, 0.3567)$

Have a look what the booklet for
Yxy(48.2475, 0.3505, 0.3567)
contains.

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Color

Yxy(48.2475, 0.3505, 0.3567)

Conversions

Conversions Part 1

Format	Color
Hex	CBB59F
RGB	203, 181, 159
RGB Percent	80%, 71%, 62%
CMY	0.2039, 0.2902, 0.3766
CMYK	0.00, 0.11, 0.22, 0.20
HSL	30°, 30%, 71%
HSV	30°, 22%, 80%
XYZ	47.4089, 48.2475, 39.6043
YIQ	185.0700, 20.1740, -2.1780

Conversions

Conversions Part 2

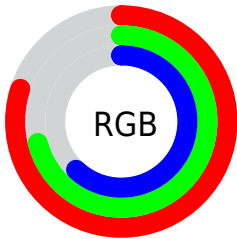
Format	Color
R _Y B	203, 203, 159
Decimal	13350303
CIE Lab	74.98, 4.37, 14.10
CIE LCh	75, 14.760, 72.768
Yxy	48.2475, 0.3505, 0.3567
Android (android.graphics.Color)	4291540383 (0xFFCBB59F)
YUV	185.0700, -12.8525, 15.7246
Hunter-Lab	69.4604, 0.2760, 14.8168

Details

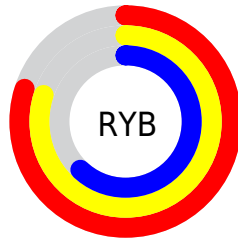
The Yxy color $48.2475, 0.3505, 0.3567$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $44.7167, 0.2787, 0.2996$, and the grayscale version is $48.6215, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.6834, 0.3397, 0.3520$, and $22.8170, 0.3602, 0.3630$ is the 20% darker color. If you saturate the color by 10%, you get $43.6262, 0.3717, 0.3702$, and if you desaturate by 10%, it is $53.2891, 0.3317, 0.3435$.

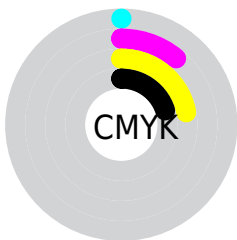
Distribution



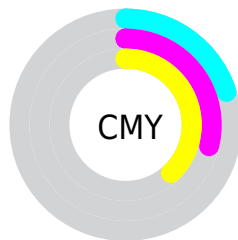
- Red (80%)
- Green (71%)
- Blue (62%)



- Red (80%)
- Yellow (80%)
- Blue (62%)



- Cyan (0%)
- Magenta (11%)
- Yellow (22%)
- Black (20%)




- Cyan (20%)
- Magenta (29%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.2475, 0.3505, 0.3567 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 48.2475, 0.3505, 0.3567 by changing the saturation by 10% instead.


 48.2475, 0.3505,
0.3567

 48.2475, 0.3505,
0.3567


379.7723, 0.3316,
0.3431

 34.0229, 0.3552,
0.3600


 87.5728, 0.3437,
0.3518

 22.9112, 0.3612,
0.3642

 113.4423, 0.3411,
0.3500

 14.5280, 0.3691,
0.3696

143.9622, 0.3389,
0.3484

 8.4888, 0.3801,
0.3770

179.5170, 0.3370,
0.3471

 4.4093, 0.3962,
0.3874

220.4910, 0.3354,
0.3459

 1.9050, 0.4226,
0.4036

267.2686, 0.3340,

 0.5514, 0.5336,

0.3449

0.4664

320.2343, 0.3328,
0.3439

0.0000, 0.0000,
0.0000

48.2475, 0.3505,
0.3567

48.2475, 0.3505,
0.3567

43.6262, 0.3717,
0.3702

53.2891, 0.3317,
0.3435

39.4068, 0.3953,
0.3835

58.7560, 0.3153,
0.3310

35.5787, 0.4210,
0.3959

64.6612, 0.3009,
0.3193

32.1284, 0.4482,
0.4063

71.0152, 0.2884,
0.3085

29.0415, 0.4757,
0.4136

77.4701, 0.2805,
0.3041

■ 26.3018, 0.5018,
0.4163

■ 83.3363, 0.2812,
0.3151

■ 23.8916, 0.5249,
0.4138

■ 89.5373, 0.2820,
0.3258

■ 22.1174, 0.5415,
0.4082

■ 91.4366, 0.2822,
0.3289

Harmonies

Analogous

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



48.2475, 0.3527, 0.3419



48.2475, 0.3505, 0.3567



48.2475, 0.3380, 0.3646

Triad

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



48.2475, 0.3505, 0.3567



48.2475, 0.2825, 0.3325



48.2475, 0.3055, 0.2980

Complementary

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



48.2475, 0.3505, 0.3567



44.7167, 0.2787, 0.2996

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.



48.2475, 0.2873, 0.2949



48.2475, 0.3505, 0.3567



48.2475, 0.2744, 0.3140

Square

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



48.2475, 0.3505, 0.3567



48.2475, 0.2986, 0.3506



48.2475, 0.2761, 0.3004



48.2475, 0.3262, 0.3087

Rectangle

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



48.2475, 0.3505, 0.3567



48.2475, 0.3257, 0.3645



48.2475, 0.2761, 0.3004



48.2475, 0.2989, 0.2960

Sweetspot

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



48.2497, 0.3505, 0.3567



93.3448, 0.3239, 0.3377



40.8211, 0.3351, 0.3015



19.8605, 0.3249, 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.



48.2497, 0.3505, 0.3567



77.0982, 0.3601, 0.3630



57.9111, 0.3451, 0.3826



12.1257, 0.3278, 0.3406



14.2576, 0.5394, 0.4099



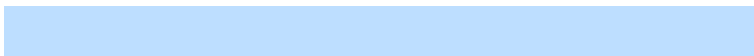
0.8874, 0.5098, 0.4334

Inverse Universe

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



44.7167, 0.2787, 0.2996



70.1492, 0.2711, 0.2924



36.4693, 0.2765, 0.2691



11.7545, 0.2983, 0.3171



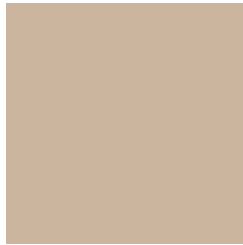
8.9012, 0.1775, 0.1590



0.6110, 0.1874, 0.1945

Previews

White Background



This preview shows how the Yxy color 48.2475, 0.3505, 0.3567 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 48.2475, 0.3505, 0.3567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

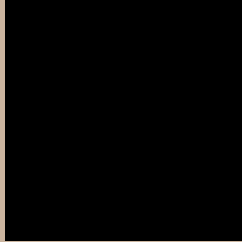
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.2475, 0.3505, 0.3567

Background



This preview shows how black text looks on a background with the Yxy color 48.2475, 0.3505, 0.3567.



This preview shows how white text looks on a background with the Yxy color 48.2475, 0.3505, 0.3567.

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

48.2475, 0.3505, 0.3567

Protanopia

48.3235, 0.3400, 0.3585

Deuteranopia

48.2277, 0.3577, 0.3512



Tritanopia

48.0338, 0.3285, 0.3121

Trichromacy



Original Color

48.2475, 0.3505, 0.3567

Protanomaly

48.2754, 0.3437, 0.3584

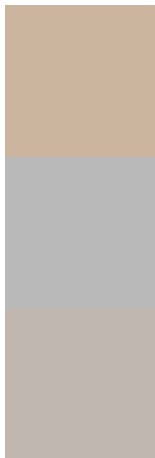
Deuteranomaly

48.1882, 0.3547, 0.3526

Tritanomaly

48.2173, 0.3366, 0.3278

Monochromacy



Original Color

48.2475, 0.3505, 0.3567

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.6220, 0.3259, 0.3392

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.2475, 0.3505, 0.3567 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(203, 181, 159)` looks like.

```
.text, #text, p{  
    color:rgb(203, 181, 159)  
}
```

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(203, 181, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 181, 159) }
```

Border

The CSS property to change the border of an element to Yxy 48.2475, 0.3505, 0.3567 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(203, 181, 159) }
```

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

```
.border{ border-color:rgb(203, 181, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 181, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 181, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 181, 159);  
box-shadow:4px 4px 4px 4px rgb(203, 181,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 48.2475, 0.3505, 0.3567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 181, 159) }
```

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

```
.background{ background-color: rgb(203,  
181, 159) }
```

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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