

Converting Colors

$Yxy(50.6190, 0.3473, 0.3644)$

Have a look what the booklet for
Yxy(50.6190, 0.3473, 0.3644)
contains.

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Color

Yxy(50.4614, 0.3472, 0.3641)

Conversions

Conversions Part 1

Format	Color
Hex	C9BB9F
RGB	201, 187, 159
RGB Percent	79%, 73%, 62%
CMY	0.2117, 0.2667, 0.3764
CMYK	0.00, 0.07, 0.21, 0.21
HSL	40°, 28%, 71%
HSV	40°, 21%, 79%
XYZ	48.1192, 50.4614, 40.0116
YIQ	187.9940, 17.3320, -5.7400

Conversions

Conversions Part 2

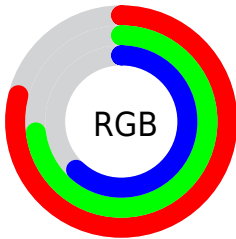
Format	Color
RYB	180, 201, 159
Decimal	13220767
CIELab	76.35, 0.43, 15.97
CIELCh	76, 15.979, 88.443
Yxy	50.4614, 0.3472, 0.3641
Android (android.graphics.Color)	4291410847 (0xFFC9BB9F)
YUV	187.9940, -14.2940, 11.4063
Hunter-Lab	71.0362, -3.3992, 16.3299

Details

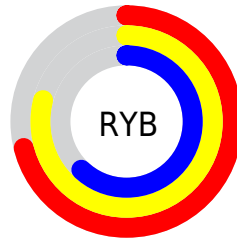
The Yxy color **50.4614, 0.3472, 0.3641** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.4885, 0.2793, 0.2912**, and the grayscale version is **50.3637, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2162, 0.3388, 0.3578**, and **24.3359, 0.3565, 0.3729** is the 20% darker color. If you saturate the color by 10%, you get **47.0418, 0.3661, 0.3816**, and if you desaturate by 10%, it is **54.1320, 0.3298, 0.3469**.

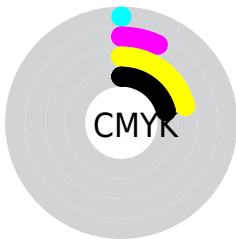
Distribution



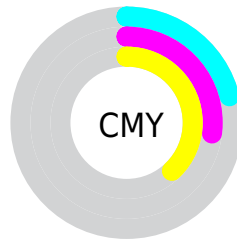
- Red (79%)
- Green (73%)
- Blue (62%)



- Red (71%)
- Yellow (79%)
- Blue (62%)



- Cyan (0%)
- Magenta (7%)
- Yellow (21%)
- Black (21%)




- Cyan (21%)
- Magenta (27%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.4614, 0.3472, 0.3641 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 50.4614, 0.3472, 0.3641 by changing the saturation by 10% instead.


 50.4614, 0.3472,
0.3641

 50.4614, 0.3472,
0.3641


388.4676, 0.3302,
0.3468

 35.7801, 0.3514,
0.3683


 90.8581, 0.3411,
0.3579

 24.2644, 0.3566,
0.3737


 117.3424, 0.3388,
0.3555

 15.5299, 0.3636,
0.3806


148.5298, 0.3368,
0.3536

 9.1921, 0.3730,
0.3902

184.8047, 0.3351,
0.3518

 4.8667, 0.3865,
0.4038

226.5516, 0.3336,
0.3503

 2.1693, 0.4077,
0.4250

274.1547, 0.3324,

 0.7032, 0.4912,

0.3490

0.5088

327.9986, 0.3312,
0.3479

0.0000, 0.0000,
0.0000

50.4614, 0.3472,
0.3641

50.4614, 0.3472,
0.3641

47.0418, 0.3661,
0.3816

54.1320, 0.3298,
0.3469

43.8590, 0.3862,
0.3989

58.0536, 0.3140,
0.3304

40.9077, 0.4072,
0.4151

62.2350, 0.2999,
0.3149

38.1793, 0.4282,
0.4292

66.6824, 0.2872,
0.3005

35.6648, 0.4484,
0.4401

71.1071, 0.2785,
0.2917

■ 33.3540, 0.4666,
0.4467

■ 74.7101, 0.2790,
0.2991

■ 31.2349, 0.4821,
0.4483

■ 78.4561, 0.2795,
0.3065

■ 29.4534, 0.4939,
0.4461

■ 82.3467, 0.2800,
0.3137

■ 86.3834, 0.2805,
0.3209

Harmonies

Analogous

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



50.4614, 0.3557, 0.3516



50.4614, 0.3472, 0.3641



50.4614, 0.3295, 0.3673

Triad

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



50.4614, 0.3472, 0.3641



50.4614, 0.2747, 0.3220



50.4614, 0.3166, 0.3011

Complementary

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



50.4614, 0.3472, 0.3641



41.4885, 0.2793, 0.2912

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.



50.4614, 0.2951, 0.2933



50.4614, 0.3472, 0.3641



50.4614, 0.2715, 0.3045

Square

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



50.4614, 0.3472, 0.3641



50.4614, 0.2878, 0.3424



50.4614, 0.2788, 0.2943



50.4614, 0.3377, 0.3157

Rectangle

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



50.4614, 0.3472, 0.3641



50.4614, 0.3151, 0.3633



50.4614, 0.2788, 0.2943



50.4614, 0.3092, 0.2976

Sweetspot

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



50.4637, 0.3472, 0.3641



95.8394, 0.3220, 0.3389



40.2661, 0.3400, 0.3104



20.4187, 0.3231, 0.3400



0.0000, 0.0000, 0.0000



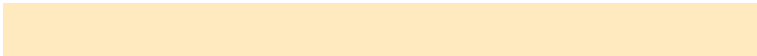
21.4041, 0.3127, 0.3290

Same Dimension

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



50.4637, 0.3472, 0.3641



83.7240, 0.3554, 0.3719



55.8468, 0.3387, 0.3815



11.7976, 0.3273, 0.3443



18.6908, 0.4925, 0.4471



1.0143, 0.4736, 0.4621

Inverse Universe

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



41.4885, 0.2793, 0.2912



65.6767, 0.2717, 0.2820



37.0528, 0.2834, 0.2725



10.8561, 0.2983, 0.3132



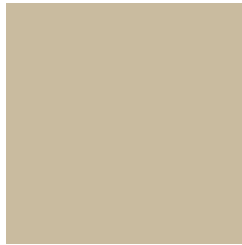
5.3323, 0.1638, 0.1096



0.3864, 0.1758, 0.1529

Previews

White Background



This preview shows how the Yxy color 50.4614, 0.3472, 0.3641 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 50.4614, 0.3472, 0.3641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

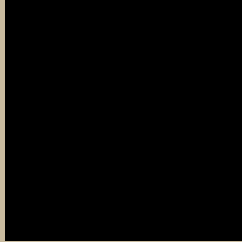
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

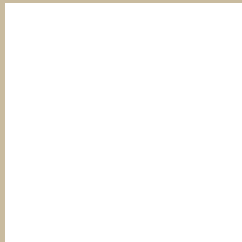
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.4614, 0.3472, 0.3641

Background



This preview shows how black text looks on a background with the Yxy color 50.4614, 0.3472, 0.3641.



This preview shows how white text looks on a background with the Yxy color 50.4614, 0.3472, 0.3641.

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

50.4614, 0.3472, 0.3641

Protanopia

50.4754, 0.3443, 0.3656

Deuteranopia

50.3375, 0.3624, 0.3543



Tritanopia

50.5632, 0.3220, 0.3122

Trichromacy



Original Color

50.4614, 0.3472, 0.3641

Protanomaly

50.6118, 0.3452, 0.3655

Deuteranomaly

50.2539, 0.3564, 0.3571

Tritanomaly

50.5372, 0.3306, 0.3303

Monochromacy



Original Color

50.4614, 0.3472, 0.3641

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.4782, 0.3255, 0.3429

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.4614, 0.3472, 0.3641 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(201, 187, 159)` looks like.

```
.text, #text, p{  
    color:rgb(201, 187, 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(201, 187, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 187, 159) }
```

Border

The CSS property to change the border of an element to Yxy 50.4614, 0.3472, 0.3641 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(201, 187, 159) }
```

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

```
.border{ border-color:rgb(201, 187, 159) }
```

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

Here you see how a box with a 4 pixel rgb(201, 187, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 187, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 187, 159);  
box-shadow:4px 4px 4px 4px rgb(201, 187,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 50.4614, 0.3472, 0.3641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 187, 159) }
```

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

```
.background{ background-color: rgb(201,  
187, 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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