

Converting Colors

$Yxy(46.6795, 0.3471, 0.3577)$

Have a look what the booklet for
Yxy(46.6795, 0.3471, 0.3577)
contains.

Yxy(46.5448, 0.3472, 0.3573)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(46.5448, 0.3472, 0.3573)

Conversions

Conversions Part 1

Format	Color
Hex	C5B39D
RGB	197, 179, 157
RGB Percent	77%, 70%, 62%
CMY	0.2275, 0.2980, 0.3843
CMYK	0.00, 0.09, 0.20, 0.23
HSL	33°, 26%, 69%
HSV	33°, 20%, 77%
XYZ	45.2291, 46.5448, 38.4942
YIQ	181.8740, 17.7900, -3.0260

Conversions

Conversions Part 2

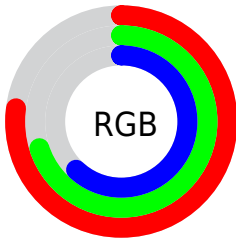
Format	Color
RYB	190, 197, 157
Decimal	12956573
CIELab	73.90, 2.87, 13.58
CIELCh	74, 13.876, 78.071
Yxy	46.5448, 0.3472, 0.3573
Android (android.graphics.Color)	4291146653 (0xFFC5B39D)
YUV	181.8740, -12.2629, 13.2655
Hunter-Lab	68.2237, -1.0546, 14.3031

Details

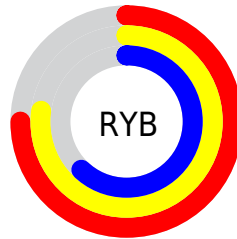
The Yxy color **46.5448, 0.3472, 0.3573** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **41.8472, 0.2808, 0.2990**, and the grayscale version is **46.7678, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.2410, 0.3406, 0.3521**, and **21.8020, 0.3570, 0.3639** is the 20% darker color. If you saturate the color by 10%, you get **42.4907, 0.3674, 0.3720**, and if you desaturate by 10%, it is **50.9396, 0.3291, 0.3430**.

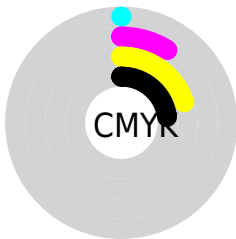
Distribution



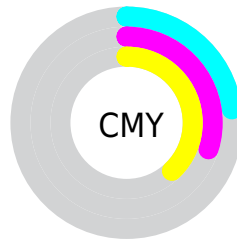
- Red (77%)
- Green (70%)
- Blue (62%)



- Red (75%)
- Yellow (77%)
- Blue (62%)



- Cyan (0%)
- Magenta (9%)
- Yellow (20%)
- Black (23%)





- Cyan (23%)
- Magenta (30%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.5448, 0.3472, 0.3573 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 46.5448, 0.3472, 0.3573 by changing the saturation by 10% instead.


 46.5448, 0.3472,
0.3573


 46.5448, 0.3472,
0.3573


372.9946, 0.3299,
0.3433

 32.6759, 0.3515,
0.3608


 85.0338, 0.3409,
0.3522

 21.8783, 0.3571,
0.3651


 110.4226, 0.3386,
0.3503

 13.7675, 0.3644,
0.3709


140.4203, 0.3366,
0.3487

 7.9591, 0.3747,
0.3789

175.4112, 0.3348,
0.3473

 4.0688, 0.3899,
0.3903

215.7797, 0.3334,
0.3461

 1.7121, 0.4162,
0.4099

261.9102, 0.3321,

 0.4315, 0.5267,

0.3450

0.4733

314.1870, 0.3309,
0.3441

0.0000, 0.0000,
0.0000

46.5448, 0.3472,
0.3573

46.5448, 0.3472,
0.3573

42.4907, 0.3674,
0.3720

50.9396, 0.3291,
0.3430

38.7615, 0.3896,
0.3866

55.6777, 0.3132,
0.3294

35.3494, 0.4136,
0.4003

60.7698, 0.2991,
0.3167

32.2437, 0.4387,
0.4122

66.2242, 0.2868,
0.3049

29.4329, 0.4639,
0.4211

72.0173, 0.2762,
0.2945

■ 26.9043, 0.4878,
0.4257

■ 76.8819, 0.2770,
0.3043

■ 24.6439, 0.5090,
0.4251

■ 81.9977, 0.2777,
0.3140

■ 22.6862, 0.5265,
0.4201

■ 87.3684, 0.2785,
0.3235

■ 90.6089, 0.2789,
0.3289

Harmonies

Analogous

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



46.5448, 0.3511, 0.3441



46.5448, 0.3472, 0.3573



46.5448, 0.3339, 0.3632

Triad

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



46.5448, 0.3472, 0.3573



46.5448, 0.2819, 0.3291



46.5448, 0.3094, 0.3008

Complementary

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



46.5448, 0.3472, 0.3573



41.8472, 0.2808, 0.2990

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.



46.5448, 0.2912, 0.2964



46.5448, 0.3472, 0.3573



46.5448, 0.2758, 0.3120

Square

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



46.5448, 0.3472, 0.3573



46.5448, 0.2962, 0.3468



46.5448, 0.2791, 0.3003



46.5448, 0.3289, 0.3121

Rectangle

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



46.5448, 0.3472, 0.3573



46.5448, 0.3217, 0.3619



46.5448, 0.2791, 0.3003



46.5448, 0.3029, 0.2985

Sweetspot

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



46.5469, 0.3472, 0.3573



94.7434, 0.3222, 0.3372



39.0749, 0.3352, 0.3059



20.1595, 0.3232, 0.3381



0.0000, 0.0000, 0.0000



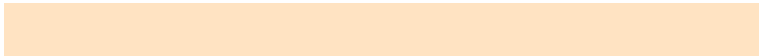
21.4041, 0.3127, 0.3290

Same Dimension

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



46.5469, 0.3472, 0.3573



80.3518, 0.3551, 0.3633



53.9626, 0.3413, 0.3793



11.5886, 0.3276, 0.3417



15.0923, 0.5248, 0.4215



0.8578, 0.4970, 0.4436

Inverse Universe

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



41.8472, 0.2808, 0.2990



70.5405, 0.2741, 0.2921



35.5120, 0.2809, 0.2738



11.0595, 0.2983, 0.3159



7.4646, 0.1731, 0.1430



0.4976, 0.1843, 0.1834

Previews

White Background



This preview shows how the Yxy color 46.5448, 0.3472, 0.3573 looks on a white background.

Color Contrast Check

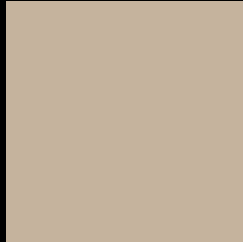
Large Text (above 18pt) WCAG AA × Fail

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 46.5448, 0.3472, 0.3573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

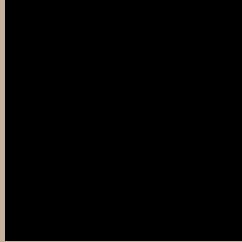
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.5448, 0.3472, 0.3573

Background



This preview shows how black text looks on a background with the Yxy color 46.5448, 0.3472, 0.3573.



This preview shows how white text looks on a background with the Yxy color 46.5448, 0.3472, 0.3573.

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

46.5448, 0.3472, 0.3573

Protanopia

46.4635, 0.3395, 0.3591

Deuteranopia

46.5385, 0.3576, 0.3502



Tritanopia

46.7083, 0.3249, 0.3130

Trichromacy



Original Color

46.5448, 0.3472, 0.3573

Protanomaly

46.4486, 0.3425, 0.3576

Deuteranomaly

46.3567, 0.3536, 0.3517

Tritanomaly

46.5044, 0.3333, 0.3278

Monochromacy



Original Color

46.5448, 0.3472, 0.3573

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.6297, 0.3244, 0.3394

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.5448, 0.3472, 0.3573 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(197, 179, 157)` looks like.

```
.text, #text, p{  
    color:rgb(197, 179, 157)  
}
```

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(197, 179, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 179, 157) }
```

Border

The CSS property to change the border of an element to Yxy 46.5448, 0.3472, 0.3573 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(197, 179, 157) }
```

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

```
.border{ border-color:rgb(197, 179, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 179, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 179, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 179, 157);  
box-shadow:4px 4px 4px 4px rgb(197, 179,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 46.5448, 0.3472, 0.3573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 179, 157) }
```

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

```
.background{ background-color: rgb(197,  
179, 157) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor