

Converting Colors

$Yxy(46.7764, 0.3201, 0.3402)$

Have a look what the booklet for
Yxy(46.7764, 0.3201, 0.3402)
contains.

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Color

Yxy(46.5792, 0.3200, 0.3395)

Conversions

Conversions Part 1

Format	Color
Hex	B7B6AE
RGB	183, 182, 174
RGB Percent	72%, 71%, 68%
CMY	0.2822, 0.2863, 0.3177
CMYK	0.00, 0.01, 0.05, 0.28
HSL	53°, 6%, 70%
HSV	53°, 5%, 72%
XYZ	43.9038, 46.5792, 46.7164
YIQ	181.3870, 3.1640, -2.2760

Conversions

Conversions Part 2

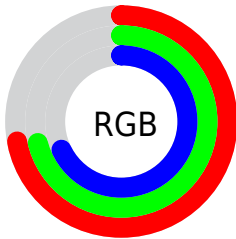
Format	Color
RYB	175, 183, 174
Decimal	12039854
CIELab	73.92, -1.08, 4.19
CIELCh	74, 4.325, 104.431
Yxy	46.5792, 0.3200, 0.3395
Android (android.graphics.Color)	4290229934 (0xFFB7B6AE)
YUV	181.3870, -3.6418, 1.4146
Hunter-Lab	68.2490, -4.6086, 7.1903

Details

The Yxy color **46.5792, 0.3200, 0.3395** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.0971, 0.3053, 0.3183**, and the grayscale version is **46.4516, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.1569, 0.3190, 0.3382**, and **21.8515, 0.3216, 0.3416** is the 20% darker color. If you saturate the color by 10%, you get **45.0480, 0.3354, 0.3614**, and if you desaturate by 10%, it is **48.2251, 0.3055, 0.3185**.

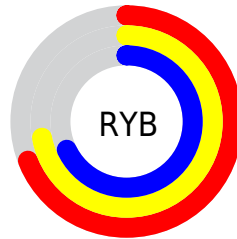
Distribution



Red (72%)

Green (71%)

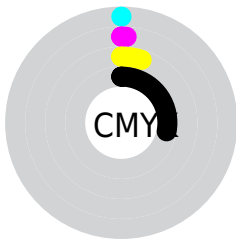
Blue (68%)



Red (69%)

Yellow (72%)

Blue (68%)

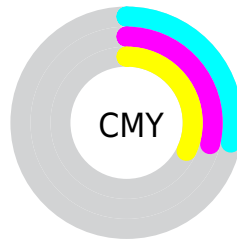


Cyan (0%)

Magenta (1%)

Yellow (5%)

Black (28%)



Cyan (28%)

Magenta (29%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.5792, 0.3200, 0.3395 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 46.5792, 0.3200, 0.3395 by changing the saturation by 10% instead.

■ 46.5792, 0.3200,
0.3395

■ 46.5792, 0.3200,
0.3395

373.1324, 0.3164,
0.3342

■ 32.7031, 0.3209,
0.3408

■ 85.0852, 0.3187,
0.3376

■ 21.8991, 0.3221,
0.3425

110.4838, 0.3182,
0.3369

■ 13.7828, 0.3236,
0.3448

140.4922, 0.3178,
0.3363

■ 7.9697, 0.3258,
0.3480

175.4945, 0.3174,
0.3357

■ 4.0756, 0.3290,
0.3528

215.8753, 0.3171,
0.3353

■ 1.7159, 0.3344,
0.3608

262.0190, 0.3168,

■ 0.4339, 0.3862,

0.3349

0.4341

314.3099, 0.3166,
0.3346

0.0000, 0.0000,
0.0000

46.5792, 0.3200,
0.3395

46.5792, 0.3200,
0.3395

45.0480, 0.3354,
0.3614

48.2251, 0.3055,
0.3185

43.6214, 0.3514,
0.3837

49.9833, 0.2921,
0.2988

42.2972, 0.3676,
0.4058

51.8595, 0.2797,
0.2804

41.0708, 0.3836,
0.4269

53.8569, 0.2685,
0.2635

39.9374, 0.3987,
0.4460

55.2829, 0.2642,
0.2581

■ 38.8915, 0.4123,
0.4622

■ 56.2310, 0.2645,
0.2606

■ 37.9270, 0.4238,
0.4747

■ 57.1927, 0.2647,
0.2631

■ 37.0369, 0.4327,
0.4829

■ 58.1681, 0.2650,
0.2656

■ 36.2126, 0.4389,
0.4867

■ 59.1573, 0.2653,
0.2681

Harmonies

Analogous

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



46.5792, 0.3237, 0.3376



46.5792, 0.3200, 0.3395



46.5792, 0.3143, 0.3386

Triad

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



46.5792, 0.3200, 0.3395



46.5792, 0.3011, 0.3245



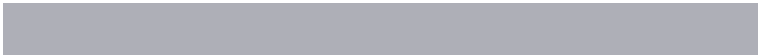
46.5792, 0.3171, 0.3231

Complementary

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



46.5792, 0.3200, 0.3395



43.0971, 0.3053, 0.3183

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.



46.5792, 0.3110, 0.3197



46.5792, 0.3200, 0.3395



46.5792, 0.3018, 0.3204

Square

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



46.5792, 0.3200, 0.3395



46.5792, 0.3035, 0.3298



46.5792, 0.3054, 0.3187



46.5792, 0.3221, 0.3281

Rectangle

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



46.5792, 0.3200, 0.3395



46.5792, 0.3102, 0.3365



46.5792, 0.3054, 0.3187



46.5792, 0.3151, 0.3217

Sweetspot

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



46.5812, 0.3200, 0.3395



84.5109, 0.3142, 0.3311



43.4392, 0.3199, 0.3276



18.6693, 0.3141, 0.3310



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



46.5812, 0.3200, 0.3395



83.0522, 0.3217, 0.3420



46.5946, 0.3169, 0.3410



10.4177, 0.3224, 0.3429



25.0335, 0.4411, 0.4880



0.9335, 0.4348, 0.4930

Inverse Universe

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



43.0971, 0.3053, 0.3183



75.4220, 0.3036, 0.3157



43.0915, 0.3084, 0.3170



9.3933, 0.3029, 0.3147



2.8220, 0.1527, 0.0697



0.1551, 0.1617, 0.1020

Previews

White Background



This preview shows how the Yxy color 46.5792, 0.3200, 0.3395 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 46.5792, 0.3200, 0.3395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

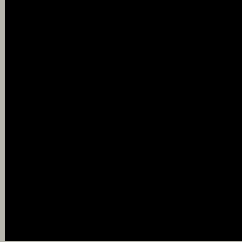
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

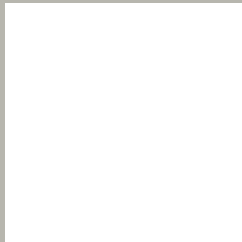
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.5792, 0.3200, 0.3395

Background



This preview shows how black text looks on a background with the Yxy color 46.5792, 0.3200, 0.3395.



This preview shows how white text looks on a background with the Yxy color 46.5792, 0.3200, 0.3395.

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

46.5792, 0.3200, 0.3395

Protanopia

46.6297, 0.3244, 0.3394

Deuteranopia

46.5633, 0.3359, 0.3303



Tritanopia

46.5296, 0.3076, 0.3112

Trichromacy



Original Color

46.5792, 0.3200, 0.3395

Protanomaly

46.5040, 0.3235, 0.3395

Deuteranomaly

46.4053, 0.3293, 0.3329

Tritanomaly

46.5020, 0.3122, 0.3213

Monochromacy



Original Color

46.5792, 0.3200, 0.3395

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.2072, 0.3160, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.5792, 0.3200, 0.3395 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(183, 182, 174)` looks like.

```
.text, #text, p{  
    color:rgb(183, 182, 174)  
}
```

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(183, 182, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 182, 174) }
```

Border

The CSS property to change the border of an element to Yxy 46.5792, 0.3200, 0.3395 is called "border". The border property can be set on classes, ids or directly on the HTML element.

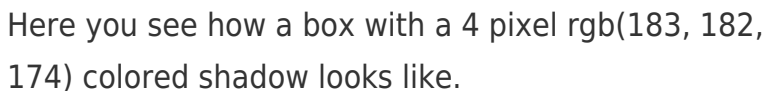
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 182, 174) }
```

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

```
.border{ border-color:rgb(183, 182, 174) }
```

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



Here you see how a box with a 4 pixel `rgb(183, 182, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 182, 174); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 182, 174); box-shadow:4px 4px 4px 4px rgb(183, 182, 174) }
```


Background

The CSS property to change the background color of an element to Yxy 46.5792, 0.3200, 0.3395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 182, 174) }
```

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

```
.background{ background-color: rgb(183,  
182, 174) }
```

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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