

Converting Colors

$Yxy(46.3356, 0.3182, 0.3396)$

Have a look what the booklet for
Yxy(46.3356, 0.3182, 0.3396)
contains.

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Color

Yxy(46.3356, 0.3182, 0.3396)

Conversions

Conversions Part 1

Format	Color
Hex	B5B6AE
RGB	181, 182, 174
RGB Percent	71%, 71%, 68%
CMY	0.2903, 0.2862, 0.3177
CMYK	0.01, 0.00, 0.04, 0.29
HSL	68°, 5%, 70%
HSV	68°, 4%, 71%
XYZ	43.4157, 46.3356, 46.6903
YIQ	180.7890, 1.9720, -2.7000

Conversions

Conversions Part 2

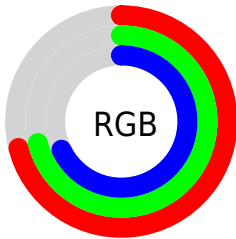
Format	Color
RYB	174, 182, 175
Decimal	11908782
CIELab	73.76, -1.84, 3.95
CIELCh	74, 4.353, 114.984
Yxy	46.3356, 0.3182, 0.3396
Android (android.graphics.Color)	4290098862 (0xFFB5B6AE)
YUV	180.7890, -3.3470, 0.1850
Hunter-Lab	68.0703, -5.2742, 6.9813

Details

The Yxy color $46.3356, 0.3182, 0.3396$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $42.7620, 0.3071, 0.3182$, and the grayscale version is $46.1038, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.8107, 0.3176, 0.3382$, and $21.6948, 0.3192, 0.3417$ is the 20% darker color. If you saturate the color by 10%, you get $45.3887, 0.3309, 0.3645$, and if you desaturate by 10%, it is $47.3877, 0.3059, 0.3160$.

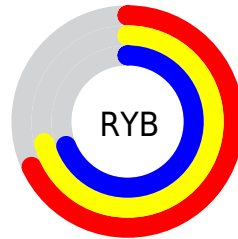
Distribution



Red (71%)

Green (71%)

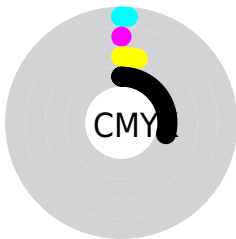
Blue (68%)



Red (68%)

Yellow (71%)

Blue (69%)

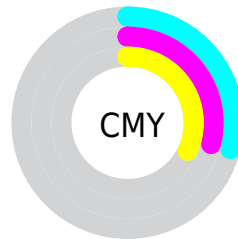


Cyan (1%)

Magenta (0%)

Yellow (4%)

Black (29%)



Cyan (29%)

Magenta (29%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.3356, 0.3182, 0.3396 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 46.3356, 0.3182, 0.3396 by changing the saturation by 10% instead.

■ 46.3356, 0.3182,
0.3396

■ 46.3356, 0.3182,
0.3396

372.1562, 0.3155,
0.3343

■ 32.5107, 0.3189,
0.3409

■ 84.7210, 0.3172,
0.3377

■ 21.7519, 0.3198,
0.3427

110.0504, 0.3168,
0.3369

■ 13.6747, 0.3209,
0.3450

139.9833, 0.3165,
0.3363

■ 7.8948, 0.3225,
0.3482

174.9043, 0.3162,
0.3358

■ 4.0277, 0.3250,
0.3532

215.1977, 0.3160,
0.3353

■ 1.6891, 0.3290,
0.3614

261.2479, 0.3158,

■ 0.4166, 0.3714,

0.3349

0.4407

313.4393, 0.3156,
0.3346

0.0000, 0.0000,
0.0000

46.3356, 0.3182,
0.3396

46.3356, 0.3182,
0.3396

45.3887, 0.3309,
0.3645

47.3877, 0.3059,
0.3160

44.5370, 0.3436,
0.3900

48.5426, 0.2942,
0.2939

43.7786, 0.3560,
0.4157

49.8058, 0.2833,
0.2735

43.1089, 0.3676,
0.4405

51.1805, 0.2731,
0.2548

42.5231, 0.3778,
0.4635

52.0096, 0.2697,
0.2472

■ 42.0159, 0.3861,
0.4837

■ 52.3263, 0.2714,
0.2475

■ 41.5814, 0.3921,
0.5002

■ 52.6480, 0.2731,
0.2479

■ 41.2128, 0.3956,
0.5124

■ 52.9748, 0.2748,
0.2483

■ 40.9017, 0.3965,
0.5203

■ 53.3068, 0.2765,
0.2487

Harmonies

Analogous

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



46.3356, 0.3228, 0.3386



46.3356, 0.3182, 0.3396



46.3356, 0.3122, 0.3377

Triad

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



46.3356, 0.3182, 0.3396



46.3356, 0.3009, 0.3228



46.3356, 0.3191, 0.3247

Complementary

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



46.3356, 0.3182, 0.3396



42.7620, 0.3071, 0.3182

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.



46.3356, 0.3132, 0.3206



46.3356, 0.3182, 0.3396



46.3356, 0.3027, 0.3194

Square

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



46.3356, 0.3182, 0.3396



46.3356, 0.3022, 0.3279



46.3356, 0.3072, 0.3186



46.3356, 0.3233, 0.3300

Rectangle

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



46.3356, 0.3182, 0.3396



46.3356, 0.3081, 0.3350



46.3356, 0.3072, 0.3186



46.3356, 0.3173, 0.3231

Sweetspot

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



46.3376, 0.3182, 0.3396



84.6174, 0.3140, 0.3314



43.6314, 0.3198, 0.3303



18.6916, 0.3139, 0.3313



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.



46.3376, 0.3182, 0.3396



83.8707, 0.3190, 0.3412



45.8729, 0.3148, 0.3397



10.5243, 0.3197, 0.3425



28.7868, 0.3967, 0.5232



1.0316, 0.4029, 0.5183

Inverse Universe

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



42.7620, 0.3071, 0.3182



76.4384, 0.3062, 0.3165



43.2199, 0.3105, 0.3184



9.4985, 0.3055, 0.3152



2.5384, 0.1557, 0.0631



0.1079, 0.1740, 0.0732

Previews

White Background



This preview shows how the Yxy color 46.3356, 0.3182, 0.3396 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 46.3356, 0.3182, 0.3396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

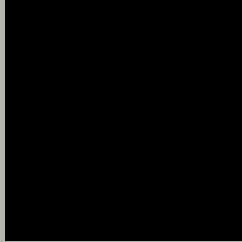
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

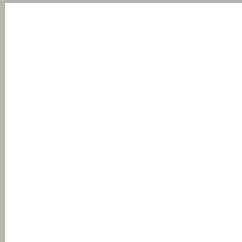
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.3356, 0.3182, 0.3396

Background



This preview shows how black text looks on a background with the Yxy color 46.3356, 0.3182, 0.3396.



This preview shows how white text looks on a background with the Yxy color 46.3356, 0.3182, 0.3396.

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

46.3356, 0.3182, 0.3396

Protanopia

46.0987, 0.3236, 0.3382

Deuteranopia

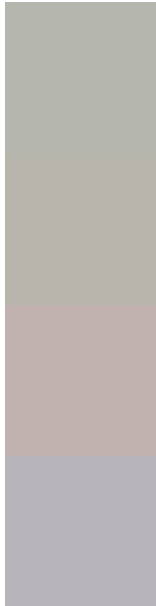
46.1726, 0.3361, 0.3291



Tritanopia

46.2808, 0.3059, 0.3111

Trichromacy



Original Color

46.3356, 0.3182, 0.3396

Protanomaly

46.2552, 0.3217, 0.3395

Deuteranomaly

46.4053, 0.3293, 0.3329

Tritanomaly

46.2550, 0.3105, 0.3212

Monochromacy



Original Color

46.3356, 0.3182, 0.3396

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.0859, 0.3151, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.3356, 0.3182, 0.3396 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(181, 182, 174)` looks like.

```
.text, #text, p{  
    color:rgb(181, 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(181, 182, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 182, 174) }
```

Border

The CSS property to change the border of an element to Yxy 46.3356, 0.3182, 0.3396 is called "border". The border property can be set on classes, ids or directly on the HTML element.

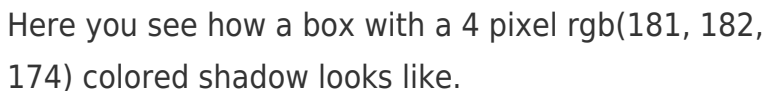
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(181, 182, 174) }
```

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

```
.border{ border-color:rgb(181, 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(181, 182, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 182, 174); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 182, 174); box-shadow:4px 4px 4px 4px rgb(181, 182, 174) }
```


Background

The CSS property to change the background color of an element to Yxy 46.3356, 0.3182, 0.3396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 182, 174) }
```

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

```
.background{ background-color: rgb(181,  
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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