

Converting Colors

$Yxy(46.3496, 0.2969, 0.3133)$

Have a look what the booklet for
Yxy(46.3496, 0.2969, 0.3133)
contains.

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Color

Yxy(46.3496, 0.2969, 0.3133)

Conversions

Conversions Part 1

Format	Color
Hex	AEB6C2
RGB	174, 182, 194
RGB Percent	68%, 71%, 76%
CMY	0.3176, 0.2863, 0.2392
CMYK	0.10, 0.06, 0.00, 0.24
HSL	216°, 14%, 72%
HSV	216°, 10%, 76%
XYZ	43.9234, 46.3496, 57.6670
YIQ	180.9760, -8.6200, 2.0360

Conversions

Conversions Part 2

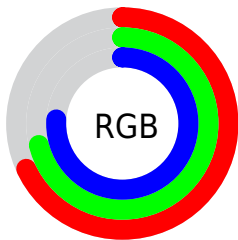
Format	Color
RYB	174, 180, 194
Decimal	11450050
CIELab	73.77, -0.38, -7.04
CIElCh	74, 7.047, 266.888
Yxy	46.3496, 0.2969, 0.3133
Android (android.graphics.Color)	4289640130 (0xFFAEB6C2)
YUV	180.9760, 6.4208, -6.1180
Hunter-Lab	68.0805, -3.9785, -2.5647

Details

The Yxy color **46.3496, 0.2969, 0.3133** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.6492, 0.3290, 0.3442**, and the grayscale version is **46.1651, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.8742, 0.3003, 0.3168**, and **21.7315, 0.2933, 0.3093** is the 20% darker color. If you saturate the color by 10%, you get **39.7071, 0.2807, 0.2962**, and if you desaturate by 10%, it is **53.7148, 0.3123, 0.3286**.

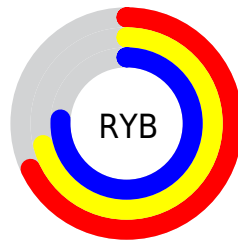
Distribution



Red (68%)

Green (71%)

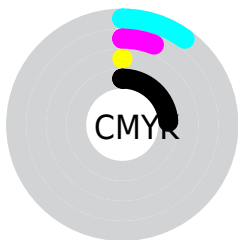
Blue (76%)



Red (68%)

Yellow (71%)

Blue (76%)

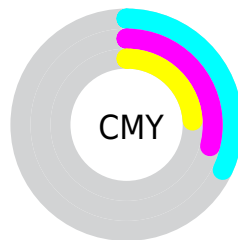


Cyan (10%)

Magenta (6%)

Yellow (0%)

Black (24%)



Cyan (32%)

Magenta (29%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.3496, 0.2969, 0.3133 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 46.3496, 0.2969, 0.3133 by changing the saturation by 10% instead.

■ 46.3496, 0.2969,
0.3133

■ 46.3496, 0.2969,
0.3133

372.2124, 0.3048,
0.3212

■ 32.5218, 0.2949,
0.3113

■ 84.7420, 0.2998,
0.3162

■ 21.7604, 0.2924,
0.3088

110.0753, 0.3008,
0.3172

■ 13.6809, 0.2890,
0.3055

140.0126, 0.3018,
0.3181

■ 7.8991, 0.2844,
0.3008

174.9383, 0.3025,
0.3189

■ 4.0304, 0.2774,
0.2938

215.2367, 0.3032,
0.3196

■ 1.6906, 0.2659,
0.2823

261.2922, 0.3038,

■ 0.4176, 0.2212,

0.3202

0.2384

313.4893, 0.3043,
0.3207

0.0000, 0.0000,
0.0000

46.3496, 0.2969,
0.3133

46.3496, 0.2969,
0.3133

39.7071, 0.2807,
0.2962

53.7148, 0.3123,
0.3286

33.7580, 0.2638,
0.2773

61.8189, 0.3267,
0.3421

28.4796, 0.2466,
0.2567

70.6851, 0.3400,
0.3540

23.8456, 0.2296,
0.2347

80.3336, 0.3523,
0.3644

19.8277, 0.2134,
0.2118

87.6188, 0.3522,
0.3753

■ 16.3951, 0.1986,
0.1886

■ 94.7083, 0.3496,
0.3862

■ 13.5137, 0.1858,
0.1658

■ 96.6748, 0.3490,
0.3890

■ 11.1446, 0.1757,
0.1444

■ 9.2739, 0.1682,
0.1255

Harmonies

Analogous

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



46.3496, 0.2937, 0.3184



46.3496, 0.2969, 0.3133



46.3496, 0.3043, 0.3124

Triad

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



46.3496, 0.2969, 0.3133



46.3496, 0.3303, 0.3311



46.3496, 0.3111, 0.3428

Complementary

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



46.3496, 0.2969, 0.3133



49.6492, 0.3290, 0.3442

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.



46.3496, 0.3210, 0.3462



46.3496, 0.2969, 0.3133



46.3496, 0.3321, 0.3392

Square

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



46.3496, 0.2969, 0.3133



46.3496, 0.3236, 0.3226



46.3496, 0.3287, 0.3448



46.3496, 0.3018, 0.3355

Rectangle

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



46.3496, 0.2969, 0.3133



46.3496, 0.3107, 0.3142



46.3496, 0.3287, 0.3448



46.3496, 0.3145, 0.3444

Sweetspot

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



46.3515, 0.2969, 0.3133



93.5219, 0.3081, 0.3246



51.1278, 0.3028, 0.3394



20.2375, 0.3069, 0.3233



0.0000, 0.0000, 0.0000



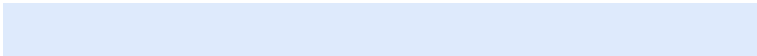
21.4041, 0.3127, 0.3290

Same Dimension

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



46.3515, 0.2969, 0.3133



81.6046, 0.2939, 0.3102



43.4061, 0.2985, 0.3028



10.3937, 0.2984, 0.3148



6.2486, 0.1689, 0.1280



0.4048, 0.1815, 0.1734

Inverse Universe

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



45.1254, 0.3239, 0.3189



79.0605, 0.3262, 0.3170



52.8445, 0.3262, 0.3542



10.1431, 0.3228, 0.3198



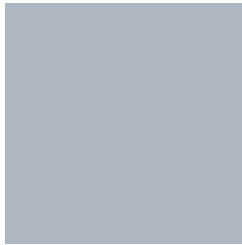
7.9130, 0.5354, 0.2723



0.3555, 0.4765, 0.2398

Previews

White Background



This preview shows how the Yxy color 46.3496, 0.2969, 0.3133 looks on a white background.

Color Contrast Check

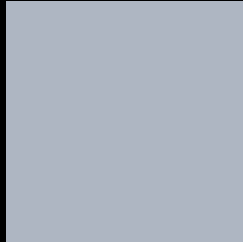
Large Text (above 18pt) WCAG AA × Fail

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 46.3496, 0.2969, 0.3133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

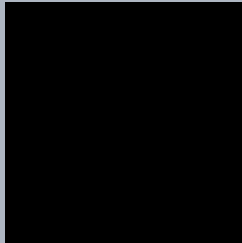
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

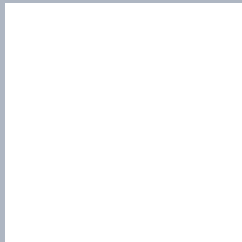
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.3496, 0.2969, 0.3133

Background



This preview shows how black text looks on a background with the Yxy color 46.3496, 0.2969, 0.3133.

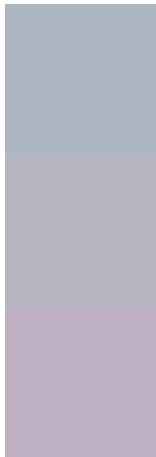


This preview shows how white text looks on a background with the Yxy color 46.3496, 0.2969, 0.3133.

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

46.3496, 0.2969, 0.3133

Protanopia

46.3165, 0.3034, 0.3122

Deuteranopia

46.1973, 0.3112, 0.3052



Tritanopia

46.4401, 0.2954, 0.3107

Trichromacy



Original Color

46.3496, 0.2969, 0.3133

Protanomaly

46.3630, 0.3009, 0.3134

Deuteranomaly

46.0952, 0.3052, 0.3073

Tritanomaly

46.3947, 0.2961, 0.3120

Monochromacy



Original Color

46.3496, 0.2969, 0.3133

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.0579, 0.3063, 0.3224

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.3496, 0.2969, 0.3133 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(174, 182, 194)` looks like.

```
.text, #text, p{  
    color:rgb(174, 182, 194)  
}
```

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(174, 182, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 182, 194) }
```

Border

The CSS property to change the border of an element to Yxy 46.3496, 0.2969, 0.3133 is called "border". The border property can be set on classes, ids or directly on the HTML element.

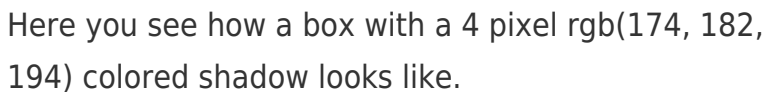
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(174, 182, 194) }
```

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

```
.border{ border-color:rgb(174, 182, 194) }
```

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



Here you see how a box with a 4 pixel `rgb(174, 182, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(174, 182, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(174, 182, 194); box-shadow:4px 4px 4px 4px rgb(174, 182, 194) }
```


Background

The CSS property to change the background color of an element to Yxy 46.3496, 0.2969, 0.3133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 182, 194) }
```

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

```
.background{ background-color: rgb(174,  
182, 194) }
```

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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