

Converting Colors

Yxy(46.5048, 0.3148, 0.3431)

Have a look what the booklet for
Yxy(46.5048, 0.3148, 0.3431)
contains.

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Color

Yxy(46.5282, 0.3146, 0.3437)

Conversions

Conversions Part 1

Format	Color
Hex	B0B8AD
RGB	176, 184, 173
RGB Percent	69%, 72%, 68%
CMY	0.3097, 0.2784, 0.3217
CMYK	0.04, 0.00, 0.06, 0.28
HSL	103°, 7%, 70%
HSV	103°, 6%, 72%
XYZ	42.5888, 46.5282, 46.2575
YIQ	180.3540, -1.2370, -5.1170

Conversions

Conversions Part 2

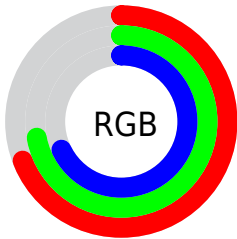
Format	Color
RYB	173, 184, 181
Decimal	11581613
CIELab	73.89, -4.83, 4.63
CIELCh	74, 6.692, 136.253
Yxy	46.5282, 0.3146, 0.3437
Android (android.graphics.Color)	4289771693 (0xFFB0B8AD)
YUV	180.3540, -3.6255, -3.8185
Hunter-Lab	68.2116, -7.9214, 7.5408

Details

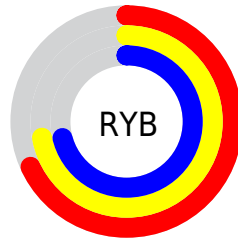
The Yxy color $46.5282, 0.3146, 0.3437$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $43.1564, 0.3107, 0.3145$, and the grayscale version is $45.8639, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.0774, 0.3148, 0.3414$, and $21.8982, 0.3153, 0.3473$ is the 20% darker color. If you saturate the color by 10%, you get $44.3890, 0.3176, 0.3704$, and if you desaturate by 10%, it is $48.9219, 0.3114, 0.3197$.

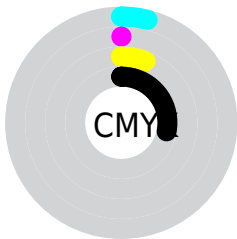
Distribution



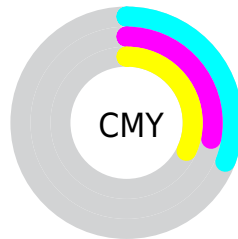
- Red (69%)
- Green (72%)
- Blue (68%)



- Red (68%)
- Yellow (72%)
- Blue (71%)



- Cyan (4%)
- Magenta (0%)
- Yellow (6%)
- Black (28%)



- Cyan (31%)
- Magenta (28%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.5282, 0.3146, 0.3437 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 46.5282, 0.3146, 0.3437 by changing the saturation by 10% instead.

■ 46.5282, 0.3146,
0.3437

■ 46.5282, 0.3146,
0.3437

372.9281, 0.3137,
0.3363

■ 32.6628, 0.3148,
0.3456

■ 85.0089, 0.3143,
0.3410

■ 21.8683, 0.3151,
0.3480

110.3931, 0.3142,
0.3400

■ 13.7601, 0.3154,
0.3513

140.3857, 0.3140,
0.3391

■ 7.9540, 0.3159,
0.3558

175.3710, 0.3140,
0.3384

■ 4.0655, 0.3166,
0.3628

215.7335, 0.3139,
0.3378

■ 1.7103, 0.3176,
0.3747

261.8576, 0.3138,

■ 0.4303, 0.3359,

0.3372

0.4967

314.1277, 0.3137,
0.3367

0.0000, 0.0000,
0.0000

46.5282, 0.3146,
0.3437

46.5282, 0.3146,
0.3437

44.3890, 0.3176,
0.3704

48.9219, 0.3114,
0.3197

42.4898, 0.3204,
0.3997

51.5719, 0.3083,
0.2984

40.8240, 0.3226,
0.4310

54.4879, 0.3052,
0.2796

39.3820, 0.3241,
0.4635

57.6771, 0.3023,
0.2631

38.1538, 0.3246,
0.4957

60.4873, 0.3065,
0.2574

■ 37.1286, 0.3239,
0.5260

■ 62.7617, 0.3160,
0.2595

■ 36.2944, 0.3217,
0.5521

■ 35.6378, 0.3183,
0.5725

■ 35.1431, 0.3139,
0.5860

Harmonies

Analogous

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



46.5282, 0.3235, 0.3453



46.5282, 0.3146, 0.3437



46.5282, 0.3053, 0.3379

Triad

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



46.5282, 0.3146, 0.3437



46.5282, 0.2961, 0.3154



46.5282, 0.3276, 0.3280

Complementary

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



46.5282, 0.3146, 0.3437



43.1564, 0.3107, 0.3145

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.



46.5282, 0.3200, 0.3203



46.5282, 0.3146, 0.3437



46.5282, 0.3019, 0.3131

Square

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



46.5282, 0.3146, 0.3437



46.5282, 0.2947, 0.3215



46.5282, 0.3106, 0.3149



46.5282, 0.3311, 0.3361

Rectangle

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



46.5282, 0.3146, 0.3437



46.5282, 0.3001, 0.3326



46.5282, 0.3106, 0.3149



46.5282, 0.3254, 0.3253

Sweetspot

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



46.5302, 0.3146, 0.3437



86.0087, 0.3134, 0.3339



46.2045, 0.3218, 0.3394



18.5515, 0.3133, 0.3336



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.



46.5302, 0.3146, 0.3437



83.8884, 0.3149, 0.3466



46.2724, 0.3102, 0.3406



10.2685, 0.3151, 0.3475



24.1389, 0.3129, 0.5897



0.8829, 0.3335, 0.5734

Inverse Universe

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



43.1564, 0.3107, 0.3145



76.6800, 0.3103, 0.3117



43.4291, 0.3154, 0.3177



9.3431, 0.3102, 0.3108



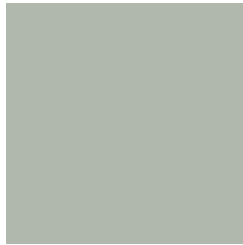
5.8686, 0.2529, 0.1167



0.2360, 0.2712, 0.1268

Previews

White Background



This preview shows how the Yxy color 46.5282, 0.3146, 0.3437 looks on a white background.

Color Contrast Check

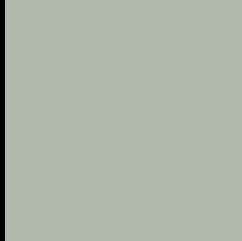
Large Text (above 18pt) WCAG AA × Fail

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 46.5282, 0.3146, 0.3437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

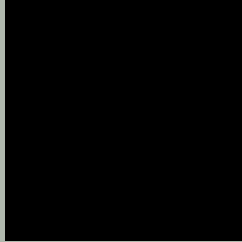
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

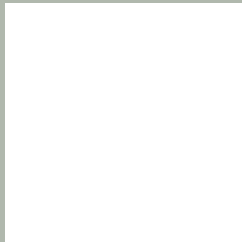
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.5282, 0.3146, 0.3437

Background



This preview shows how black text looks on a background with the Yxy color 46.5282, 0.3146, 0.3437.



This preview shows how white text looks on a background with the Yxy color 46.5282, 0.3146, 0.3437.

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

46.5282, 0.3146, 0.3437

Protanopia

46.5528, 0.3260, 0.3421

Deuteranopia

46.1726, 0.3361, 0.3291



Tritanopia

46.5716, 0.3002, 0.3109

Trichromacy



Original Color

46.5282, 0.3146, 0.3437

Protanomaly

46.5017, 0.3216, 0.3422

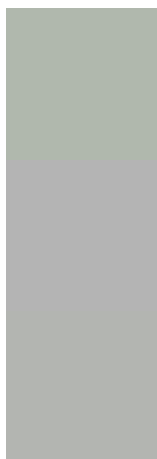
Deuteranomaly

46.1032, 0.3284, 0.3342

Tritanomaly

46.5087, 0.3055, 0.3225

Monochromacy



Original Color

46.5282, 0.3146, 0.3437

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.8058, 0.3142, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.5282, 0.3146, 0.3437 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(176, 184, 173)` looks like.

```
.text, #text, p{  
    color:rgb(176, 184, 173)  
}
```

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(176, 184, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 184, 173) }
```

Border

The CSS property to change the border of an element to Yxy 46.5282, 0.3146, 0.3437 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(176, 184, 173) }
```

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

```
.border{ border-color:rgb(176, 184, 173) }
```

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

Here you see how a box with a 4 pixel rgb(176, 184, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 184, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 184, 173);  
box-shadow:4px 4px 4px 4px rgb(176, 184,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 46.5282, 0.3146, 0.3437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 184, 173) }
```

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

```
.background{ background-color: rgb(176,  
184, 173) }
```

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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