

Converting Colors

$Yxy(46.4691, 0.3026, 0.3343)$

Have a look what the booklet for
Yxy(46.4691, 0.3026, 0.3343)
contains.

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Color

Yxy(46.4691, 0.3026, 0.3343)

Conversions

Conversions Part 1

Format	Color
Hex	A9B9B5
RGB	169, 185, 181
RGB Percent	66%, 73%, 71%
CMY	0.3370, 0.2746, 0.2902
CMYK	0.09, 0.00, 0.02, 0.27
HSL	165°, 10%, 69%
HSV	165°, 9%, 73%
XYZ	42.0627, 46.4691, 50.4724
YIQ	179.7600, -8.2520, -4.6360

Conversions

Conversions Part 2

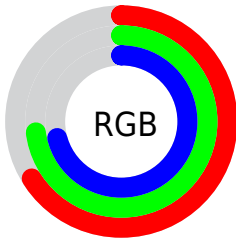
Format	Color
RYB	169, 178, 185
Decimal	11123125
CIELab	73.85, -6.25, 0.13
CIELCh	74, 6.254, 178.835
Yxy	46.4691, 0.3026, 0.3343
Android (android.graphics.Color)	4289313205 (0xFFA9B9B5)
YUV	179.7600, 0.6113, -9.4365
Hunter-Lab	68.1682, -9.1524, 3.8189

Details

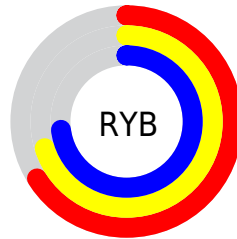
The Yxy color $46.4691, 0.3026, 0.3343$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $41.7323, 0.3239, 0.3238$, and the grayscale version is $45.5130, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.8723, 0.3041, 0.3331$, and $21.8429, 0.3000, 0.3364$ is the 20% darker color. If you saturate the color by 10%, you get $44.3801, 0.2913, 0.3411$, and if you desaturate by 10%, it is $48.8578, 0.3144, 0.3282$.

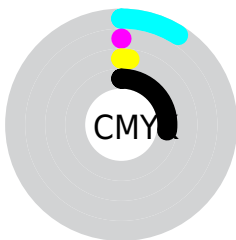
Distribution



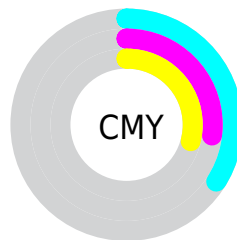
- Red (66%)
- Green (73%)
- Blue (71%)



- Red (66%)
- Yellow (70%)
- Blue (73%)



- Cyan (9%)
- Magenta (0%)
- Yellow (2%)
- Black (27%)





- Cyan (34%)
- Magenta (27%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.4691, 0.3026, 0.3343 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 46.4691, 0.3026, 0.3343 by changing the saturation by 10% instead.


 46.4691, 0.3026,
0.3343


 46.4691, 0.3026,
0.3343


372.6914, 0.3077,
0.3317

 32.6162, 0.3013,
0.3350

 84.9206, 0.3044,
0.3333

 21.8326, 0.2997,
0.3358


 110.2880, 0.3051,
0.3330

 13.7339, 0.2975,
0.3369


140.2623, 0.3057,
0.3327

 7.9358, 0.2945,
0.3385

175.2279, 0.3062,
0.3324

 4.0539, 0.2899,
0.3409

215.5692, 0.3067,
0.3322

 1.7038, 0.2823,
0.3449

261.6706, 0.3070,

 0.4261, 0.2226,

0.3320

0.3759

313.9166, 0.3074,
0.3318

0.0000, 0.0000,
0.0000

46.4691, 0.3026,
0.3343

46.4691, 0.3026,
0.3343

44.3801, 0.2913,
0.3411

48.8578, 0.3144,
0.3282

42.5728, 0.2807,
0.3484

51.5519, 0.3264,
0.3227

41.0361, 0.2711,
0.3563

54.5639, 0.3384,
0.3178

39.7560, 0.2628,
0.3648

57.9043, 0.3503,
0.3135

38.7173, 0.2561,
0.3736

60.3174, 0.3564,
0.3093

■ 37.9029, 0.2511,
0.3827

■ 60.5427, 0.3525,
0.3046

■ 37.2937, 0.2481,
0.3920

■ 60.7746, 0.3486,
0.2999

■ 36.8670, 0.2470,
0.4013

■ 61.0133, 0.3448,
0.2953

■ 36.5848, 0.2476,
0.4104

■ 61.2586, 0.3410,
0.2908

Harmonies

Analogous

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



46.4691, 0.3107, 0.3409



46.4691, 0.3026, 0.3343



46.4691, 0.2972, 0.3263

Triad

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



46.4691, 0.3026, 0.3343



46.4691, 0.3058, 0.3143



46.4691, 0.3299, 0.3385

Complementary

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



46.4691, 0.3026, 0.3343



41.7323, 0.3239, 0.3238

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.



46.4691, 0.3285, 0.3314



46.4691, 0.3026, 0.3343



46.4691, 0.3145, 0.3176

Square

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



46.4691, 0.3026, 0.3343



46.4691, 0.2990, 0.3149



46.4691, 0.3229, 0.3238



46.4691, 0.3265, 0.3432

Rectangle

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



46.4691, 0.3026, 0.3343



46.4691, 0.2958, 0.3214



46.4691, 0.3229, 0.3238



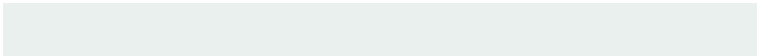
46.4691, 0.3299, 0.3363

Sweetspot

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



46.4711, 0.3026, 0.3343



85.5522, 0.3091, 0.3308



46.4487, 0.3151, 0.3505



18.3691, 0.3082, 0.3313



93.3107, 0.3127, 0.3290



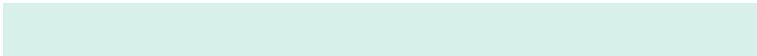
18.7317, 0.3127, 0.3290

Same Dimension

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



46.4711, 0.3026, 0.3343



82.6254, 0.3008, 0.3353



44.9949, 0.2996, 0.3236



10.1713, 0.3018, 0.3348



24.9031, 0.2474, 0.4106



0.8872, 0.2408, 0.3869

Inverse Universe

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



41.7323, 0.3239, 0.3238



72.7052, 0.3262, 0.3228



43.0847, 0.3269, 0.3343



9.0481, 0.3250, 0.3233



7.1687, 0.5899, 0.3023



0.2629, 0.5154, 0.2613

Previews

White Background



This preview shows how the Yxy color 46.4691, 0.3026, 0.3343 looks on a white background.

Color Contrast Check

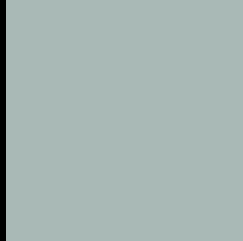
Large Text (above 18pt) WCAG AA × Fail

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 46.4691, 0.3026, 0.3343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

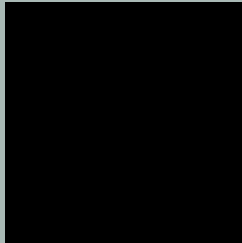
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

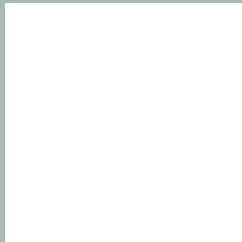
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.4691, 0.3026, 0.3343

Background



This preview shows how black text looks on a background with the Yxy color 46.4691, 0.3026, 0.3343.



This preview shows how white text looks on a background with the Yxy color 46.4691, 0.3026, 0.3343.

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

46.4691, 0.3026, 0.3343

Protanopia

46.1712, 0.3186, 0.3316

Deuteranopia

46.4753, 0.3264, 0.3203



Tritanopia

46.6688, 0.2931, 0.3107

Trichromacy



Original Color

46.4691, 0.3026, 0.3343

Protanomaly

46.2943, 0.3125, 0.3330

Deuteranomaly

46.1824, 0.3172, 0.3251

Tritanomaly

46.7005, 0.2967, 0.3197

Monochromacy



Original Color

46.4691, 0.3026, 0.3343

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.9813, 0.3092, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.4691, 0.3026, 0.3343 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(169, 185, 181)` looks like.

```
.text, #text, p{  
    color:rgb(169, 185, 181)  
}
```

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(169, 185, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 185, 181) }
```

Border

The CSS property to change the border of an element to Yxy 46.4691, 0.3026, 0.3343 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(169, 185, 181) }
```

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

```
.border{ border-color:rgb(169, 185, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 185, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 185, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 185, 181);  
box-shadow:4px 4px 4px 4px rgb(169, 185,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 46.4691, 0.3026, 0.3343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 185, 181) }
```

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

```
.background{ background-color: rgb(169,  
185, 181) }
```

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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