

Converting Colors

$Yxy(46.2409, 0.3060, 0.3406)$

Have a look what the booklet for
Yxy(46.2409, 0.3060, 0.3406)
contains.

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Color

Yxy(46.2675, 0.3063, 0.3411)

Conversions

Conversions Part 1

Format	Color
Hex	A9B9B0
RGB	169, 185, 176
RGB Percent	66%, 73%, 69%
CMY	0.3373, 0.2745, 0.3097
CMYK	0.09, 0.00, 0.05, 0.27
HSL	146°, 10%, 69%
HSV	146°, 9%, 73%
XYZ	41.5472, 46.2675, 47.8274
YIQ	179.1900, -6.6470, -6.1910

Conversions

Conversions Part 2

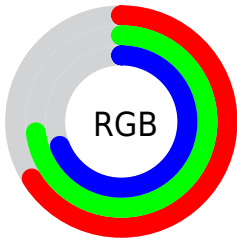
Format	Color
RYB	169, 180, 185
Decimal	11123120
CIELab	73.72, -7.25, 2.66
CIELCh	74, 7.725, 159.896
Yxy	46.2675, 0.3063, 0.3411
Android (android.graphics.Color)	4289313200 (0xFFA9B9B0)
YUV	179.1900, -1.5727, -8.9366
Hunter-Lab	68.0202, -10.0065, 5.9253

Details

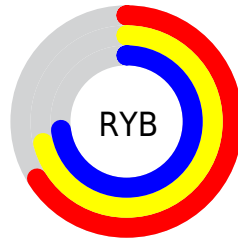
The Yxy color $46.2675, 0.3063, 0.3411$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $41.8990, 0.3197, 0.3172$, and the grayscale version is $45.1976, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.5841, 0.3071, 0.3384$, and $21.7397, 0.3041, 0.3439$ is the 20% darker color. If you saturate the color by 10%, you get $43.9711, 0.2990, 0.3566$, and if you desaturate by 10%, it is $48.8888, 0.3137, 0.3272$.

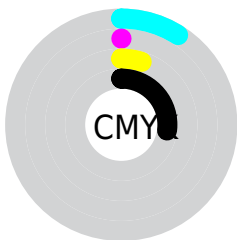
Distribution



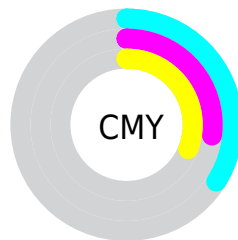
- Red (66%)
- Green (73%)
- Blue (69%)



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



- Cyan (9%)
- Magenta (0%)
- Yellow (5%)
- Black (27%)





- Cyan (34%)
- Magenta (27%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.2675, 0.3063, 0.3411 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 46.2675, 0.3063, 0.3411 by changing the saturation by 10% instead.


 46.2675, 0.3063,
0.3411


 46.2675, 0.3063,
0.3411


371.8830, 0.3095,
0.3350

 32.4570, 0.3055,
0.3426


 84.6192, 0.3075,
0.3389

 21.7108, 0.3044,
0.3446


 109.9291, 0.3079,
0.3380

 13.6445, 0.3030,
0.3473


139.8410, 0.3083,
0.3373

 7.8739, 0.3010,
0.3511

174.7392, 0.3086,
0.3367

 4.0143, 0.2979,
0.3569

215.0081, 0.3089,
0.3362

 1.6816, 0.2927,
0.3668

261.0321, 0.3091,

 0.4117, 0.2411,

0.3358

0.4633

313.1956, 0.3094,
0.3354

0.0000, 0.0000,
0.0000

46.2675, 0.3063,
0.3411

46.2675, 0.3063,
0.3411

43.9711, 0.2990,
0.3566

48.8888, 0.3137,
0.3272

41.9807, 0.2921,
0.3738

51.8410, 0.3211,
0.3150

40.2849, 0.2859,
0.3927

55.1377, 0.3283,
0.3041

38.8687, 0.2805,
0.4129

58.7895, 0.3353,
0.2947

37.7162, 0.2765,
0.4342

61.5553, 0.3368,
0.2856

■ 36.8096, 0.2740,
0.4560

■ 62.1484, 0.3286,
0.2757

■ 36.1289, 0.2734,
0.4777

■ 62.7767, 0.3207,
0.2662

■ 35.6508, 0.2746,
0.4986

■ 63.1803, 0.3159,
0.2604

■ 35.3359, 0.2775,
0.5181

Harmonies

Analogous

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



46.2675, 0.3172, 0.3469



46.2675, 0.3063, 0.3411



46.2675, 0.2972, 0.3319

Triad

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



46.2675, 0.3063, 0.3411



46.2675, 0.2984, 0.3108



46.2675, 0.3336, 0.3353

Complementary

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



46.2675, 0.3063, 0.3411



41.8990, 0.3197, 0.3172

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.



46.2675, 0.3284, 0.3259



46.2675, 0.3063, 0.3411



46.2675, 0.3080, 0.3119

Square

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



46.2675, 0.3063, 0.3411



46.2675, 0.2927, 0.3144



46.2675, 0.3190, 0.3174



46.2675, 0.3331, 0.3433

Rectangle

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



46.2675, 0.3063, 0.3411



46.2675, 0.2934, 0.3253



46.2675, 0.3190, 0.3174



46.2675, 0.3324, 0.3322

Sweetspot

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



46.2695, 0.3063, 0.3411



85.4217, 0.3105, 0.3331



47.0370, 0.3194, 0.3503



18.3337, 0.3099, 0.3342



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.



46.2695, 0.3063, 0.3411



82.2069, 0.3052, 0.3433



46.5920, 0.3003, 0.3304



10.1239, 0.3058, 0.3421



24.0478, 0.2773, 0.5182



0.8602, 0.2629, 0.4665

Inverse Universe

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



41.8990, 0.3197, 0.3172



73.1128, 0.3210, 0.3151



41.5903, 0.3266, 0.3276



9.0943, 0.3203, 0.3163



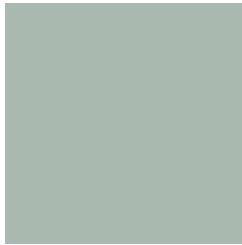
7.7146, 0.4679, 0.2351



0.2842, 0.4204, 0.2089

Previews

White Background



This preview shows how the Yxy color 46.2675, 0.3063, 0.3411 looks on a white background.

Color Contrast Check

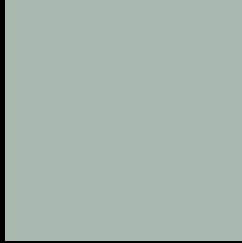
Large Text (above 18pt) WCAG AA × Fail

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 46.2675, 0.3063, 0.3411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

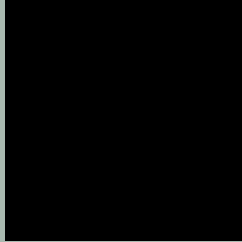
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

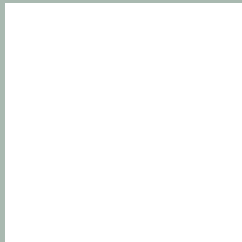
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.2675, 0.3063, 0.3411

Background



This preview shows how black text looks on a background with the Yxy color 46.2675, 0.3063, 0.3411.



This preview shows how white text looks on a background with the Yxy color 46.2675, 0.3063, 0.3411.

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

46.2675, 0.3063, 0.3411

Protanopia

46.0987, 0.3236, 0.3382

Deuteranopia

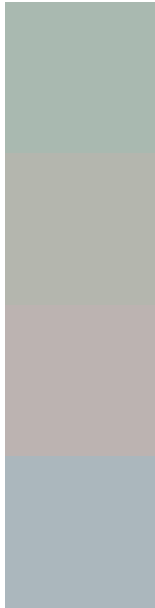
46.0164, 0.3317, 0.3253



Tritanopia

46.2121, 0.2938, 0.3107

Trichromacy



Original Color

46.2675, 0.3063, 0.3411

Protanomaly

46.2152, 0.3174, 0.3396

Deuteranomaly

46.1059, 0.3222, 0.3316

Tritanomaly

46.1990, 0.2982, 0.3210

Monochromacy



Original Color

46.2675, 0.3063, 0.3411

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

45.3761, 0.3100, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.2675, 0.3063, 0.3411 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, 176)` looks like.

```
.text, #text, p{  
    color:rgb(169, 185, 176)  
}
```

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, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 185, 176) }
```

Border

The CSS property to change the border of an element to Yxy 46.2675, 0.3063, 0.3411 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, 176) }
```

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

```
.border{ border-color:rgb(169, 185, 176) }
```

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, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 185, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 185, 176);  
box-shadow:4px 4px 4px 4px rgb(169, 185,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 46.2675, 0.3063, 0.3411 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, 176) }
```

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

```
.background{ background-color: rgb(169,  
185, 176) }
```

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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