

Converting Colors

$Yxy(46.5071, 0.3026, 0.3380)$

Have a look what the booklet for
Yxy(46.5071, 0.3026, 0.3380)
contains.

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Color

Yxy(46.5880, 0.3024, 0.3384)

Conversions

Conversions Part 1

Format	Color
Hex	A7BAB3
RGB	167, 186, 179
RGB Percent	65%, 73%, 70%
CMY	0.3451, 0.2706, 0.2980
CMYK	0.10, 0.00, 0.04, 0.27
HSL	158°, 12%, 69%
HSV	158°, 10%, 73%
XYZ	41.6318, 46.5880, 49.4516
YIQ	179.5210, -9.0770, -6.2050

Conversions

Conversions Part 2

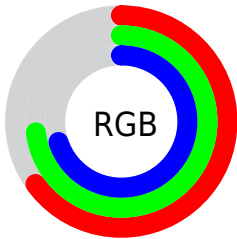
Format	Color
RYB	167, 179, 186
Decimal	10992307
CIELab	73.93, -7.89, 1.31
CIElCh	74, 7.996, 170.571
Yxy	46.5880, 0.3024, 0.3384
Android (android.graphics.Color)	4289182387 (0xFFA7BAB3)
YUV	179.5210, -0.2569, -10.9809
Hunter-Lab	68.2554, -10.5723, 4.8227

Details

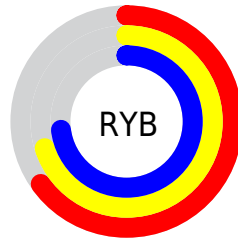
The Yxy color **46.5880, 0.3024, 0.3384** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **41.1309, 0.3243, 0.3198**, and the grayscale version is **45.3777, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.0320, 0.3040, 0.3363**, and **21.9263, 0.2999, 0.3420** is the 20% darker color. If you saturate the color by 10%, you get **44.4377, 0.2927, 0.3486**, and if you desaturate by 10%, it is **49.0474, 0.3125, 0.3292**.

Distribution



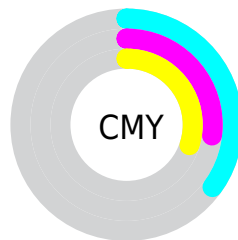
- Red (65%)
- Green (73%)
- Blue (70%)



- Red (65%)
- Yellow (70%)
- Blue (73%)



- Cyan (10%)
- Magenta (0%)
- Yellow (4%)
- Black (27%)





- Cyan (35%)
- Magenta (27%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.5880, 0.3024, 0.3384 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 46.5880, 0.3024, 0.3384 by changing the saturation by 10% instead.

 46.5880, 0.3024,
0.3384

 46.5880, 0.3024,
0.3384

373.1676, 0.3076,
0.3337

 32.7101, 0.3011,
0.3396


 85.0983, 0.3043,
0.3367

 21.9044, 0.2994,
0.3411


 110.4995, 0.3050,
0.3360

 13.7867, 0.2972,
0.3432


140.5105, 0.3056,
0.3355

 7.9725, 0.2941,
0.3461

175.5158, 0.3061,
0.3350

 4.0773, 0.2894,
0.3504

215.8998, 0.3065,
0.3346

 1.7169, 0.2815,
0.3578

262.0468, 0.3069,

 0.4346, 0.2127,

0.3343

0.4192

314.3413, 0.3073,
0.3340

0.0000, 0.0000,
0.0000

46.5880, 0.3024,
0.3384

46.5880, 0.3024,
0.3384

44.4377, 0.2927,
0.3486

49.0474, 0.3125,
0.3292

42.5780, 0.2836,
0.3598

51.8217, 0.3227,
0.3210

40.9973, 0.2754,
0.3719

54.9242, 0.3329,
0.3136

39.6811, 0.2684,
0.3849

58.3654, 0.3430,
0.3072

38.6136, 0.2629,
0.3984

61.1953, 0.3486,
0.3011

■ 37.7769, 0.2592,
0.4125

■ 61.5507, 0.3430,
0.2943

■ 37.1511, 0.2575,
0.4267

■ 61.9209, 0.3374,
0.2876

■ 36.7124, 0.2577,
0.4408

■ 62.3061, 0.3320,
0.2810

■ 36.4179, 0.2595,
0.4543

■ 62.7065, 0.3267,
0.2746

Harmonies

Analogous

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



46.5880, 0.3133, 0.3459



46.5880, 0.3024, 0.3384



46.5880, 0.2943, 0.3283

Triad

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



46.5880, 0.3024, 0.3384



46.5880, 0.3011, 0.3100



46.5880, 0.3348, 0.3387

Complementary

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



46.5880, 0.3024, 0.3384



41.1309, 0.3243, 0.3198

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.



46.5880, 0.3314, 0.3292



46.5880, 0.3024, 0.3384



46.5880, 0.3118, 0.3129

Square

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



46.5880, 0.3024, 0.3384



46.5880, 0.2936, 0.3121



46.5880, 0.3230, 0.3199



46.5880, 0.3321, 0.3459

Rectangle

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



46.5880, 0.3024, 0.3384



46.5880, 0.2916, 0.3217



46.5880, 0.3230, 0.3199



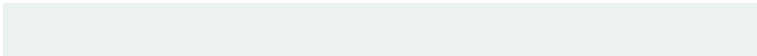
46.5880, 0.3343, 0.3357

Sweetspot

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



46.5900, 0.3024, 0.3384



87.5785, 0.3096, 0.3317



46.9408, 0.3176, 0.3546



19.2051, 0.3088, 0.3324



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



46.5900, 0.3024, 0.3384



83.6273, 0.3004, 0.3403



45.9529, 0.2972, 0.3260



10.1531, 0.3033, 0.3375



24.5143, 0.2590, 0.4525



0.8757, 0.2491, 0.4167

Inverse Universe

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



41.1309, 0.3243, 0.3198



71.9756, 0.3268, 0.3179



41.6848, 0.3302, 0.3320



9.0654, 0.3232, 0.3206



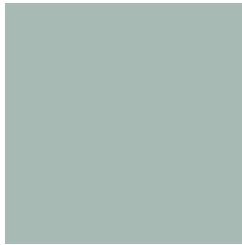
7.3207, 0.5475, 0.2790



0.2702, 0.4762, 0.2397

Previews

White Background



This preview shows how the Yxy color 46.5880, 0.3024, 0.3384 looks on a white background.

Color Contrast Check

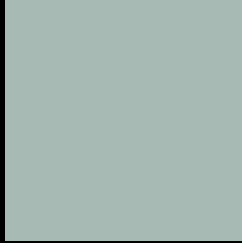
Large Text (above 18pt) WCAG AA × Fail

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 46.5880, 0.3024, 0.3384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

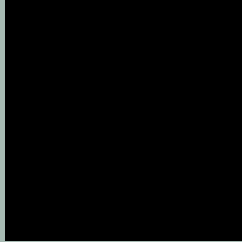
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

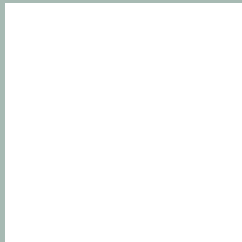
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.5880, 0.3024, 0.3384

Background



This preview shows how black text looks on a background with the Yxy color 46.5880, 0.3024, 0.3384.



This preview shows how white text looks on a background with the Yxy color 46.5880, 0.3024, 0.3384.

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

46.5880, 0.3024, 0.3384

Protanopia

46.6214, 0.3210, 0.3355

Deuteranopia

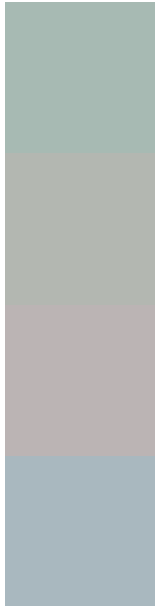
46.5290, 0.3290, 0.3228



Tritanopia

46.4902, 0.2908, 0.3093

Trichromacy



Original Color

46.5880, 0.3024, 0.3384

Protanomaly

46.6250, 0.3140, 0.3369

Deuteranomaly

46.5026, 0.3188, 0.3290

Tritanomaly

46.4776, 0.2951, 0.3197

Monochromacy



Original Color

46.5880, 0.3024, 0.3384

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.8651, 0.3084, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.5880, 0.3024, 0.3384 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(167, 186, 179)` looks like.

```
.text, #text, p{  
    color:rgb(167, 186, 179)  
}
```

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(167, 186, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 186, 179) }
```

Border

The CSS property to change the border of an element to Yxy 46.5880, 0.3024, 0.3384 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(167, 186, 179) }
```

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

```
.border{ border-color:rgb(167, 186, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 186, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 186, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 186, 179); box-shadow:4px 4px 4px 4px rgb(167, 186, 179) }
```


Background

The CSS property to change the background color of an element to Yxy 46.5880, 0.3024, 0.3384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 186, 179) }
```

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

```
.background{ background-color: rgb(167,  
186, 179) }
```

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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