

Converting Colors

$Yxy(46.0393, 0.2923, 0.3462)$

Have a look what the booklet for
Yxy(46.0393, 0.2923, 0.3462)
contains.

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Color

Yxy(46.2052, 0.2928, 0.3471)

Conversions

Conversions Part 1

Format	Color
Hex	98BDB0
RGB	152, 189, 176
RGB Percent	60%, 74%, 69%
CMY	0.4041, 0.2588, 0.3098
CMYK	0.20, 0.00, 0.07, 0.26
HSL	159°, 22%, 67%
HSV	159°, 20%, 74%
XYZ	38.9769, 46.2052, 47.9357
YIQ	176.4550, -17.8790, -11.8870

Conversions

Conversions Part 2

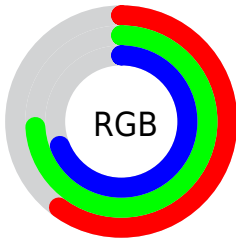
Format	Color
RYB	152, 174, 189
Decimal	10010032
CIELab	73.68, -15.07, 2.47
CIELCh	74, 15.274, 170.689
Yxy	46.2052, 0.2928, 0.3471
Android (android.graphics.Color)	4288200112 (0xFF98BDB0)
YUV	176.4550, -0.2243, -21.4470
Hunter-Lab	67.9744, -16.6023, 5.7706

Details

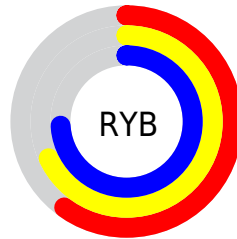
The Yxy color **46.2052, 0.2928, 0.3471** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.9802, 0.3378, 0.3116**, and the grayscale version is **43.6713, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.3964, 0.2964, 0.3429**, and **21.7729, 0.2863, 0.3523** is the 20% darker color. If you saturate the color by 10%, you get **44.2704, 0.2834, 0.3577**, and if you desaturate by 10%, it is **48.4473, 0.3028, 0.3374**.

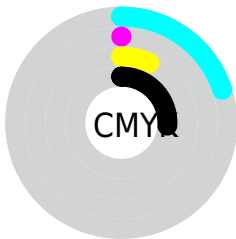
Distribution



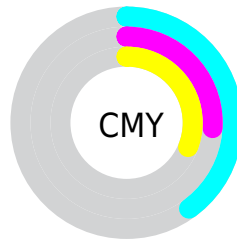
- Red (60%)
- Green (74%)
- Blue (69%)



- Red (60%)
- Yellow (68%)
- Blue (74%)



- Cyan (20%)
- Magenta (0%)
- Yellow (7%)
- Black (26%)





- Cyan (40%)
- Magenta (26%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.2052, 0.2928, 0.3471 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 46.2052, 0.2928, 0.3471 by changing the saturation by 10% instead.


 46.2052, 0.2928,
0.3471


 46.2052, 0.2928,
0.3471


371.6330, 0.3028,
0.3379

 32.4078, 0.2903,
0.3494


 84.5260, 0.2965,
0.3437

 21.6732, 0.2870,
0.3524


 109.8182, 0.2978,
0.3425

 13.6169, 0.2827,
0.3565

139.7108, 0.2990,
0.3414

 7.8547, 0.2766,
0.3622

174.5881, 0.3000,
0.3405

 4.0021, 0.2673,
0.3710

214.8346, 0.3008,
0.3398

 1.6748, 0.2518,
0.3859

260.8346, 0.3016,

 0.4072, 0.0274,

0.3391

0.5843

312.9726, 0.3022,
0.3385

0.0000, 0.0000,
0.0000

46.2052, 0.2928,
0.3471

46.2052, 0.2928,
0.3471

44.2704, 0.2834,
0.3577

48.4473, 0.3028,
0.3374

42.6232, 0.2750,
0.3692

51.0040, 0.3131,
0.3287

41.2506, 0.2678,
0.3815

53.8893, 0.3236,
0.3209

40.1360, 0.2621,
0.3944

57.1150, 0.3341,
0.3139

39.2612, 0.2581,
0.4077

60.6919, 0.3444,
0.3078

■ 38.6056, 0.2562,
0.4213

■ 62.6106, 0.3460,
0.3016

■ 38.1448, 0.2562,
0.4347

■ 62.9607, 0.3406,
0.2950

■ 37.8327, 0.2578,
0.4479

■ 63.3249, 0.3353,
0.2885

■ 37.8213, 0.2579,
0.4485

■ 63.7033, 0.3302,
0.2821

Harmonies

Analogous

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



46.2052, 0.3134, 0.3619



46.2052, 0.2928, 0.3471



46.2052, 0.2778, 0.3272

Triad

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



46.2052, 0.2928, 0.3471



46.2052, 0.2905, 0.2932



46.2052, 0.3553, 0.3471

Complementary

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



46.2052, 0.2928, 0.3471



35.9802, 0.3378, 0.3116

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.



46.2052, 0.3488, 0.3291



46.2052, 0.2928, 0.3471



46.2052, 0.3109, 0.2988

Square

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



46.2052, 0.2928, 0.3471



46.2052, 0.2765, 0.2966



46.2052, 0.3323, 0.3117



46.2052, 0.3498, 0.3611

Rectangle

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



46.2052, 0.2928, 0.3471



46.2052, 0.2728, 0.3144



46.2052, 0.3323, 0.3117



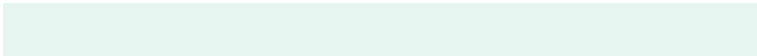
46.2052, 0.3544, 0.3413

Sweetspot

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



46.2071, 0.2928, 0.3471



88.2953, 0.3064, 0.3342



46.7249, 0.3215, 0.3804



18.9250, 0.3057, 0.3348



95.5105, 0.3127, 0.3290



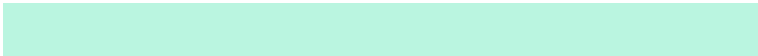
19.5994, 0.3127, 0.3290

Same Dimension

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



46.2071, 0.2928, 0.3471



81.0194, 0.2882, 0.3521



44.6578, 0.2833, 0.3221



10.7511, 0.3030, 0.3372



25.4582, 0.2574, 0.4468



1.0092, 0.2486, 0.4151

Inverse Universe

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



35.9802, 0.3378, 0.3116



59.0044, 0.3455, 0.3071



37.1668, 0.3496, 0.3358



9.5902, 0.3235, 0.3210



7.5603, 0.5542, 0.2827



0.3087, 0.4868, 0.2456

Previews

White Background



This preview shows how the Yxy color 46.2052, 0.2928, 0.3471 looks on a white background.

Color Contrast Check

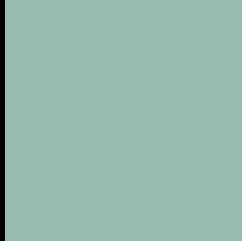
Large Text (above 18pt) WCAG AA × Fail

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 46.2052, 0.2928, 0.3471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

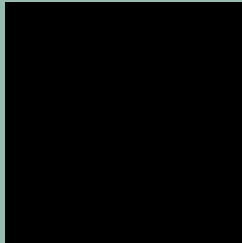
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

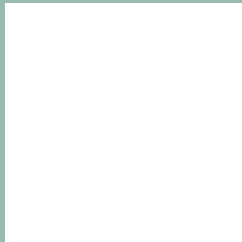
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.2052, 0.2928, 0.3471

Background



This preview shows how black text looks on a background with the Yxy color 46.2052, 0.2928, 0.3471.

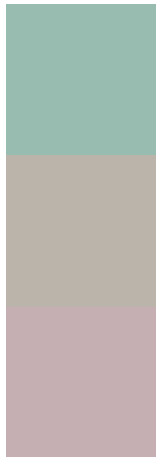


This preview shows how white text looks on a background with the Yxy color 46.2052, 0.2928, 0.3471.

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

46.2052, 0.2928, 0.3471

Protanopia

46.0219, 0.3252, 0.3408

Deuteranopia

45.9204, 0.3299, 0.3240



Tritanopia

46.0362, 0.2796, 0.3089

Trichromacy



Original Color

46.2052, 0.2928, 0.3471

Protanomaly

45.8828, 0.3129, 0.3424

Deuteranomaly

45.6806, 0.3152, 0.3316

Tritanomaly

45.8480, 0.2844, 0.3221

Monochromacy



Original Color

46.2052, 0.2928, 0.3471

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

44.3978, 0.3048, 0.3358

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.2052, 0.2928, 0.3471 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(152, 189, 176)` looks like.

```
.text, #text, p{  
    color:rgb(152, 189, 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(152, 189, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 189, 176) }
```

Border

The CSS property to change the border of an element to Yxy 46.2052, 0.2928, 0.3471 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(152, 189, 176) }
```

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

```
.border{ border-color:rgb(152, 189, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 189, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 189, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 189, 176);  
box-shadow:4px 4px 4px 4px rgb(152, 189,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 46.2052, 0.2928, 0.3471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 189, 176) }
```

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

```
.background{ background-color: rgb(152,  
189, 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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