

Converting Colors

$Yxy(46.9586, 0.2978, 0.3611)$

Have a look what the booklet for
Yxy(46.9586, 0.2978, 0.3611)
contains.

Yxy(46.8016, 0.2978, 0.3598)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(46.8016, 0.2978, 0.3598)

Conversions

Conversions Part 1

Format	Color
Hex	98BFA9
RGB	152, 191, 169
RGB Percent	60%, 75%, 66%
CMY	0.4041, 0.2509, 0.3372
CMYK	0.20, 0.00, 0.12, 0.25
HSL	146°, 23%, 67%
HSV	146°, 20%, 75%
XYZ	38.7368, 46.8016, 44.5383
YIQ	176.8310, -16.1820, -15.1100

Conversions

Conversions Part 2

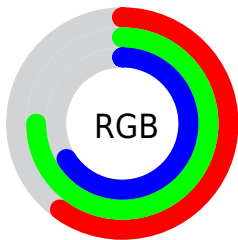
Format	Color
RYB	152, 179, 191
Decimal	10010537
CIELab	74.06, -17.49, 6.82
CIELCh	74, 18.774, 158.711
Yxy	46.8016, 0.2978, 0.3598
Android (android.graphics.Color)	4288200617 (0xFF98BFA9)
YUV	176.8310, -3.8607, -21.7768
Hunter-Lab	68.4117, -18.6482, 9.2884

Details

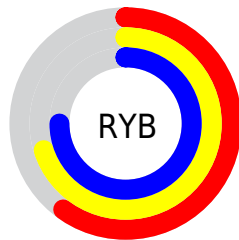
The Yxy color **46.8016, 0.2978, 0.3598** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.5751, 0.3310, 0.3001**, and the grayscale version is **43.8979, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.1687, 0.3009, 0.3538**, and **21.8850, 0.2930, 0.3682** is the 20% darker color. If you saturate the color by 10%, you get **44.7195, 0.2910, 0.3774**, and if you desaturate by 10%, it is **49.2176, 0.3050, 0.3439**.

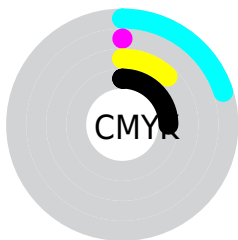
Distribution



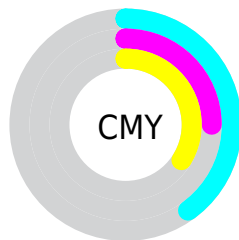
- Red (60%)
- Green (75%)
- Blue (66%)



- Red (60%)
- Yellow (70%)
- Blue (75%)



- Cyan (20%)
- Magenta (0%)
- Yellow (12%)
- Black (25%)





- Cyan (40%)
- Magenta (25%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.8016, 0.2978, 0.3598 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 46.8016, 0.2978, 0.3598 by changing the saturation by 10% instead.

 46.8016, 0.2978,
0.3598

 46.8016, 0.2978,
0.3598


374.0220, 0.3054,
0.3441

 32.8788, 0.2958,
0.3638


 85.4174, 0.3006,
0.3540

 22.0336, 0.2933,
0.3691


 110.8792, 0.3016,
0.3519

 13.8816, 0.2899,
0.3762


140.9562, 0.3025,
0.3500

 8.0384, 0.2850,
0.3864

176.0327, 0.3033,
0.3485

 4.1195, 0.2774,
0.4021

216.4932, 0.3039,
0.3472

 1.7406, 0.2642,
0.4295

262.7219, 0.3045,

 0.4498, 0.0010,

0.3460

0.9707

315.1034, 0.3050,
0.3450

0.0000, 0.0000,
0.0000

46.8016, 0.2978,
0.3598

46.8016, 0.2978,
0.3598

44.7195, 0.2910,
0.3774

49.2176, 0.3050,
0.3439

42.9505, 0.2849,
0.3967

51.9757, 0.3124,
0.3296

41.4803, 0.2798,
0.4173


55.0910, 0.3198,
0.3170

40.2914, 0.2760,
0.4388

58.5759, 0.3270,
0.3058

39.3640, 0.2739,
0.4608


62.4424, 0.3340,
0.2961

 38.6760, 0.2737,
0.4826

 64.4416, 0.3317,
0.2863

 38.2011, 0.2753,
0.5033

 65.0772, 0.3235,
0.2761

 37.8983, 0.2783,
0.5217

 65.7467, 0.3157,
0.2663

Harmonies

Analogous

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



46.8016, 0.3240, 0.3737



46.8016, 0.2978, 0.3598



46.8016, 0.2763, 0.3367

Triad

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



46.8016, 0.2978, 0.3598



46.8016, 0.2776, 0.2858



46.8016, 0.3635, 0.3422

Complementary

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



46.8016, 0.2978, 0.3598



36.5751, 0.3310, 0.3001

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.



46.8016, 0.3501, 0.3202



46.8016, 0.2978, 0.3598



46.8016, 0.2998, 0.2885

Square

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



46.8016, 0.2978, 0.3598



46.8016, 0.2650, 0.2940



46.8016, 0.3264, 0.3009



46.8016, 0.3626, 0.3620

Rectangle

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



46.8016, 0.2978, 0.3598



46.8016, 0.2671, 0.3201



46.8016, 0.3264, 0.3009



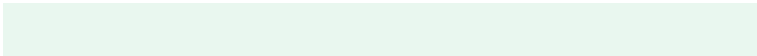
46.8016, 0.3605, 0.3348

Sweetspot

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



46.8036, 0.2978, 0.3598



90.2085, 0.3082, 0.3374



48.5412, 0.3285, 0.3817



19.7382, 0.3077, 0.3384



97.7402, 0.3127, 0.3290



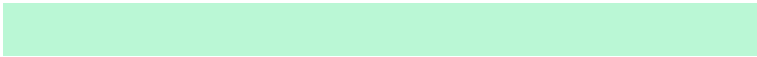
20.4902, 0.3127, 0.3290

Same Dimension

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



46.8036, 0.2978, 0.3598



81.8942, 0.2944, 0.3683



47.5866, 0.2843, 0.3325



10.7170, 0.3058, 0.3422



24.9185, 0.2776, 0.5192



0.9892, 0.2643, 0.4713

Inverse Universe

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



36.5751, 0.3310, 0.3001



59.9355, 0.3366, 0.2928



35.8730, 0.3503, 0.3256



9.6239, 0.3203, 0.3162



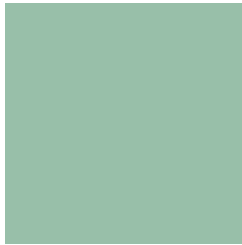
8.0009, 0.4672, 0.2347



0.3263, 0.4231, 0.2104

Previews

White Background



This preview shows how the Yxy color 46.8016, 0.2978, 0.3598 looks on a white background.

Color Contrast Check

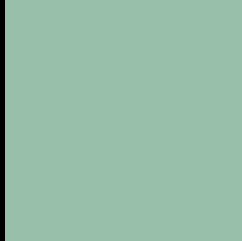
Large Text (above 18pt) WCAG AA × Fail

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 46.8016, 0.2978, 0.3598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

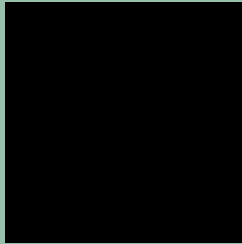
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

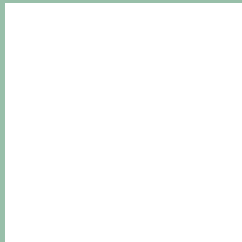
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.8016, 0.2978, 0.3598

Background



This preview shows how black text looks on a background with the Yxy color 46.8016, 0.2978, 0.3598.



This preview shows how white text looks on a background with the Yxy color 46.8016, 0.2978, 0.3598.

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

46.8016, 0.2978, 0.3598

Protanopia

46.5469, 0.3336, 0.3512

Deuteranopia

46.3350, 0.3405, 0.3328



Tritanopia

46.6040, 0.2798, 0.3090

Trichromacy



Original Color

46.8016, 0.2978, 0.3598

Protanomaly

46.6812, 0.3200, 0.3545

Deuteranomaly

46.1784, 0.3234, 0.3422

Tritanomaly

46.7085, 0.2867, 0.3276

Monochromacy



Original Color

46.8016, 0.2978, 0.3598

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.8367, 0.3071, 0.3399

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.8016, 0.2978, 0.3598 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, 191, 169)` looks like.

```
.text, #text, p{  
    color:rgb(152, 191, 169)  
}
```

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, 191, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 191, 169) }
```

Border

The CSS property to change the border of an element to Yxy 46.8016, 0.2978, 0.3598 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, 191, 169) }
```

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

```
.border{ border-color:rgb(152, 191, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 191, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 191, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 191, 169);  
box-shadow:4px 4px 4px 4px rgb(152, 191,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 46.8016, 0.2978, 0.3598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 191, 169) }
```

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

```
.background{ background-color: rgb(152,  
191, 169) }
```

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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