

Converting Colors

$Yxy(46.7288, 0.3008, 0.3683)$

Have a look what the booklet for
Yxy(46.7288, 0.3008, 0.3683)
contains.

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Color

Yxy(46.9589, 0.3006, 0.3685)

Conversions

Conversions Part 1

Format	Color
Hex	97C0A4
RGB	151, 192, 164
RGB Percent	59%, 75%, 64%
CMY	0.4080, 0.2470, 0.3569
CMYK	0.21, 0.00, 0.15, 0.25
HSL	139°, 25%, 67%
HSV	139°, 21%, 75%
XYZ	38.3062, 46.9589, 42.1674
YIQ	176.5490, -15.4480, -17.4000

Conversions

Conversions Part 2

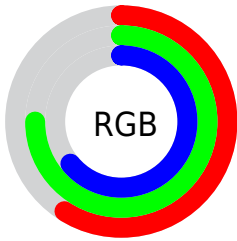
Format	Color
RYB	151, 182, 192
Decimal	9945252
CIELab	74.16, -19.31, 9.67
CIELCh	74, 21.594, 153.389
Yxy	46.9589, 0.3006, 0.3685
Android (android.graphics.Color)	4288135332 (0xFF97C0A4)
YUV	176.5490, -6.1867, -22.4065
Hunter-Lab	68.5266, -20.1403, 11.4848

Details

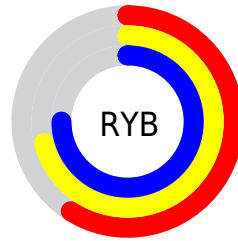
The Yxy color **46.9589, 0.3006, 0.3685** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **36.5794, 0.3274, 0.2925**, and the grayscale version is **43.7531, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.9876, 0.3031, 0.3614**, and **21.9995, 0.2967, 0.3804** is the 20% darker color. If you saturate the color by 10%, you get **44.8224, 0.2953, 0.3903**, and if you desaturate by 10%, it is **49.4473, 0.3062, 0.3488**.

Distribution



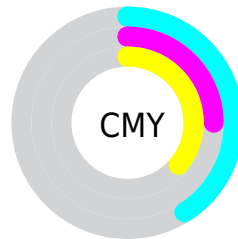
- Red (59%)
- Green (75%)
- Blue (64%)



- Red (59%)
- Yellow (71%)
- Blue (75%)



- Cyan (21%)
- Magenta (0%)
- Yellow (15%)
- Black (25%)





- Cyan (41%)
- Magenta (25%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.9589, 0.3006, 0.3685 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 46.9589, 0.3006, 0.3685 by changing the saturation by 10% instead.

 46.9589, 0.3006,
0.3685

 46.9589, 0.3006,
0.3685


374.6505, 0.3069,
0.3482

 33.0032, 0.2989,
0.3737


 85.6523, 0.3030,
0.3610

 22.1289, 0.2968,
0.3805


 111.1587, 0.3038,
0.3582

 13.9516, 0.2938,
0.3898


141.2841, 0.3045,
0.3559

 8.0870, 0.2894,
0.4031

176.4130, 0.3052,
0.3539

 4.1507, 0.2825,
0.4237

216.9297, 0.3057,
0.3522

 1.7582, 0.2699,
0.4600

263.2185, 0.3062,

 0.4609, 0.0000,

0.3507

1.0000

315.6640, 0.3066,
0.3494

0.0000, 0.0000,
0.0000

46.9589, 0.3006,
0.3685

46.9589, 0.3006,
0.3685

44.8224, 0.2953,
0.3903

49.4473, 0.3062,
0.3488

43.0159, 0.2905,
0.4141

52.2965, 0.3119,
0.3313

41.5242, 0.2866,
0.4394

55.5225, 0.3176,
0.3158

40.3285, 0.2839,
0.4656

59.1386, 0.3231,
0.3022


39.4079, 0.2826,
0.4916


63.1574, 0.3283,
0.2904

 38.7386, 0.2830,
0.5165

 65.4124, 0.3247,
0.2787

 38.2927, 0.2851,
0.5389

 66.1857, 0.3156,
0.2673

 38.0429, 0.2877,
0.5557

Harmonies

Analogous

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



46.9589, 0.3307, 0.3820



46.9589, 0.3006, 0.3685



46.9589, 0.2746, 0.3428

Triad

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



46.9589, 0.3006, 0.3685



46.9589, 0.2691, 0.2803



46.9589, 0.3696, 0.3394

Complementary

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



46.9589, 0.3006, 0.3685



36.5794, 0.3274, 0.2925

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.



46.9589, 0.3515, 0.3145



46.9589, 0.3006, 0.3685



46.9589, 0.2928, 0.2814

Square

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



46.9589, 0.3006, 0.3685



46.9589, 0.2571, 0.2917



46.9589, 0.3229, 0.2937



46.9589, 0.3714, 0.3630

Rectangle

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



46.9589, 0.3006, 0.3685



46.9589, 0.2628, 0.3235



46.9589, 0.3229, 0.2937



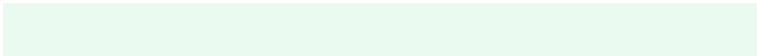
46.9589, 0.3651, 0.3309

Sweetspot

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



46.9609, 0.3006, 0.3685



92.2270, 0.3092, 0.3393



49.5236, 0.3333, 0.3836



19.7130, 0.3089, 0.3404



97.7402, 0.3127, 0.3290



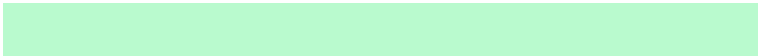
20.4902, 0.3127, 0.3290

Same Dimension

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



46.9609, 0.3006, 0.3685



83.0498, 0.2979, 0.3792



47.7616, 0.2863, 0.3393



11.3104, 0.3074, 0.3451



25.6071, 0.2871, 0.5534



1.1192, 0.2739, 0.5060

Inverse Universe

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



36.5794, 0.3274, 0.2925



60.6436, 0.3316, 0.2836



35.8113, 0.3476, 0.3190



10.1913, 0.3185, 0.3134



8.6577, 0.4201, 0.2088



0.3861, 0.3928, 0.1938

Previews

White Background



This preview shows how the Yxy color 46.9589, 0.3006, 0.3685 looks on a white background.

Color Contrast Check

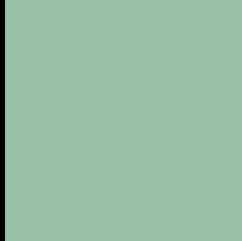
Large Text (above 18pt) WCAG AA × Fail

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 46.9589, 0.3006, 0.3685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

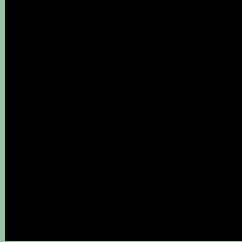
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.9589, 0.3006, 0.3685

Background



This preview shows how black text looks on a background with the Yxy color 46.9589, 0.3006, 0.3685.



This preview shows how white text looks on a background with the Yxy color 46.9589, 0.3006, 0.3685.

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

46.9589, 0.3006, 0.3685

Protanopia

46.4981, 0.3387, 0.3578

Deuteranopia

46.4291, 0.3468, 0.3391



Tritanopia

47.0740, 0.2792, 0.3090

Trichromacy



Original Color

46.9589, 0.3006, 0.3685

Protanomaly

46.5012, 0.3239, 0.3614

Deuteranomaly

46.1152, 0.3284, 0.3488

Tritanomaly

46.9946, 0.2867, 0.3303

Monochromacy



Original Color

46.9589, 0.3006, 0.3685

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.7593, 0.3087, 0.3427

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.9589, 0.3006, 0.3685 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(151, 192, 164)` looks like.

```
.text, #text, p{  
    color:rgb(151, 192, 164)  
}
```

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(151, 192, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 192, 164) }
```

Border

The CSS property to change the border of an element to Yxy 46.9589, 0.3006, 0.3685 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(151, 192, 164) }
```

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

```
.border{ border-color:rgb(151, 192, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 192, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 192, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 192, 164);  
box-shadow:4px 4px 4px 4px rgb(151, 192,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 46.9589, 0.3006, 0.3685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 192, 164) }
```

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

```
.background{ background-color: rgb(151,  
192, 164) }
```

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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