

Converting Colors

$Yxy(49.0204, 0.2922, 0.3784)$

Have a look what the booklet for
Yxy(49.0204, 0.2922, 0.3784)
contains.

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Color

Yxy(49.1026, 0.2926, 0.3788)

Conversions

Conversions Part 1

Format	Color
Hex	8CC7A4
RGB	140, 199, 164
RGB Percent	55%, 78%, 64%
CMY	0.4513, 0.2195, 0.3569
CMYK	0.30, 0.00, 0.18, 0.22
HSL	144°, 35%, 66%
HSV	144°, 30%, 78%
XYZ	37.9288, 49.1026, 42.5953
YIQ	177.3690, -23.9290, -23.3930

Conversions

Conversions Part 2

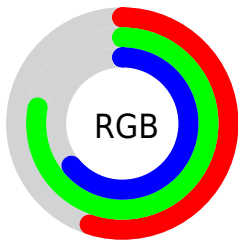
Format	Color
RYB	140, 182, 199
Decimal	9226148
CIELab	75.52, -26.35, 11.51
CIELCh	76, 28.754, 156.400
Yxy	49.1026, 0.2926, 0.3788
Android (android.graphics.Color)	4287416228 (0xFF8CC7A4)
YUV	177.3690, -6.5909, -32.7726
Hunter-Lab	70.0732, -26.0109, 13.0107

Details

The Yxy color **49.1026, 0.2926, 0.3788** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **33.9716, 0.3400, 0.2841**, and the grayscale version is **44.2077, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.2366, 0.2966, 0.3683**, and **23.4954, 0.2868, 0.3947** is the 20% darker color. If you saturate the color by 10%, you get **47.1238, 0.2867, 0.3991**, and if you desaturate by 10%, it is **51.4376, 0.2991, 0.3602**.

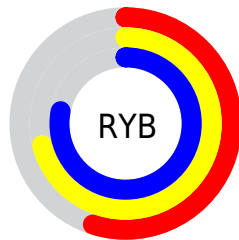
Distribution



Red (55%)

Green (78%)

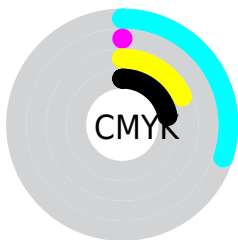
Blue (64%)



Red (55%)

Yellow (71%)

Blue (78%)

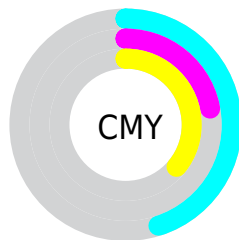


Cyan (30%)

Magenta (0%)

Yellow (18%)

Black (22%)



Cyan (45%)


Magenta (22%)


Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.1026, 0.2926, 0.3788 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 49.1026, 0.2926, 0.3788 by changing the saturation by 10% instead.


 49.1026, 0.2926,
0.3788


 49.1026, 0.2926,
0.3788


383.1461, 0.3030,
0.3533


 34.7009, 0.2899,
0.3854


 88.8438, 0.2964,
0.3694

 23.4325, 0.2864,
0.3939


 114.9521, 0.2979,
0.3659

 14.9132, 0.2816,
0.4056


 145.7314, 0.2991,
0.3629

 8.7585, 0.2747,
0.4222

181.5660, 0.3001,
0.3604

 4.5840, 0.2640,
0.4479

222.8404, 0.3010,
0.3583

 2.0053, 0.2451,
0.4924

269.9389, 0.3017,

 0.6106, 0.0000,

0.3564

1.0000

323.2460, 0.3024,
0.3547

0.0000, 0.0000,
0.0000

49.1026, 0.2926,
0.3788

49.1026, 0.2926,
0.3788

47.1238, 0.2867,
0.3991

51.4376, 0.2991,
0.3602

45.4772, 0.2818,
0.4208

54.1393, 0.3059,
0.3435

44.1452, 0.2782,
0.4436

57.2254, 0.3129,
0.3286

43.1062, 0.2762,
0.4667

60.7105, 0.3199,
0.3154

42.3354, 0.2760,
0.4895

64.6083, 0.3267,
0.3038

■ 41.8041, 0.2777,
0.5111

■ 68.1008, 0.3299,
0.2932

■ 41.4602, 0.2808,
0.5308

■ 68.8046, 0.3213,
0.2820

■ 41.4508, 0.2809,
0.5314

■ 69.3359, 0.3153,
0.2742

Harmonies

Analogous

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



49.1026, 0.3318, 0.3986



49.1026, 0.2926, 0.3788



49.1026, 0.2602, 0.3430

Triad

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



49.1026, 0.2926, 0.3788



49.1026, 0.2585, 0.2654



49.1026, 0.3889, 0.3448

Complementary

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



49.1026, 0.2926, 0.3788



33.9716, 0.3400, 0.2841

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.



49.1026, 0.3668, 0.3129



49.1026, 0.2926, 0.3788



49.1026, 0.2900, 0.2688

Square

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



49.1026, 0.2926, 0.3788



49.1026, 0.2416, 0.2778



49.1026, 0.3298, 0.2858



49.1026, 0.3887, 0.3752

Rectangle

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



49.1026, 0.2926, 0.3788



49.1026, 0.2463, 0.3173



49.1026, 0.3298, 0.2858



49.1026, 0.3838, 0.3340

Sweetspot

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



49.1046, 0.2926, 0.3788



95.0588, 0.3063, 0.3426



51.9052, 0.3370, 0.4075



20.1869, 0.3053, 0.3450



0.0000, 0.0000, 0.0000



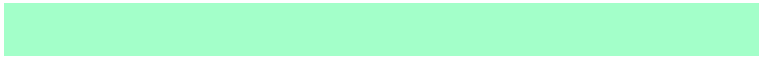
21.4041, 0.3127, 0.3290

Same Dimension

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



49.1046, 0.2926, 0.3788



83.5253, 0.2885, 0.3925



50.2798, 0.2739, 0.3370



11.9583, 0.3062, 0.3430



26.6643, 0.2802, 0.5288



1.2769, 0.2684, 0.4863

Inverse Universe

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



33.9716, 0.3400, 0.2841



52.5672, 0.3484, 0.2735



32.9485, 0.3716, 0.3214



10.7407, 0.3199, 0.3154



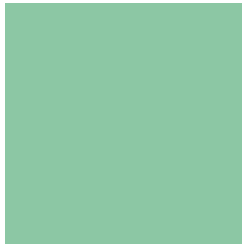
8.6658, 0.4555, 0.2283



0.4244, 0.4201, 0.2088

Previews

White Background



This preview shows how the Yxy color 49.1026, 0.2926, 0.3788 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 49.1026, 0.2926, 0.3788 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 49.1026, 0.2926, 0.3788

Background



This preview shows how black text looks on a background with the Yxy color 49.1026, 0.2926, 0.3788.



This preview shows how white text looks on a background with the Yxy color 49.1026, 0.2926, 0.3788.

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

49.1026, 0.2926, 0.3788

Protanopia

48.7343, 0.3440, 0.3649

Deuteranopia

48.6227, 0.3486, 0.3426



Tritanopia

49.0836, 0.2698, 0.3090

Trichromacy



Original Color

49.1026, 0.2926, 0.3788

Protanomaly

48.4789, 0.3232, 0.3692

Deuteranomaly

48.0982, 0.3260, 0.3539

Tritanomaly

48.9470, 0.2781, 0.3330

Monochromacy



Original Color

49.1026, 0.2926, 0.3788

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

45.5690, 0.3052, 0.3468

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.1026, 0.2926, 0.3788 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(140, 199, 164)` looks like.

```
.text, #text, p{  
    color:rgb(140, 199, 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(140, 199, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 199, 164) }
```

Border

The CSS property to change the border of an element to Yxy 49.1026, 0.2926, 0.3788 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(140, 199, 164) }
```

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

```
.border{ border-color:rgb(140, 199, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 199, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 199, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 199, 164);  
box-shadow:4px 4px 4px 4px rgb(140, 199,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 49.1026, 0.2926, 0.3788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 199, 164) }
```

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

```
.background{ background-color: rgb(140,  
199, 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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