

Converting Colors

$Yxy(48.2414, 0.3083, 0.4069)$

Have a look what the booklet for
Yxy(48.2414, 0.3083, 0.4069)
contains.

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Color

Yxy(48.2414, 0.3083, 0.4069)

Conversions

Conversions Part 1

Format	Color
Hex	8FC690
RGB	143, 198, 144
RGB Percent	56%, 78%, 56%
CMY	0.4393, 0.2235, 0.4353
CMYK	0.28, 0.00, 0.27, 0.22
HSL	121°, 33%, 67%
HSV	121°, 28%, 78%
XYZ	36.5515, 48.2414, 33.7654
YIQ	175.3990, -15.4460, -28.4540

Conversions

Conversions Part 2

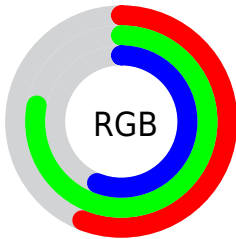
Format	Color
RYB	143, 197, 198
Decimal	9422480
CIELab	74.98, -28.54, 21.48
CIElCh	75, 35.722, 143.030
Yxy	48.2414, 0.3083, 0.4069
Android (android.graphics.Color)	4287612560 (0xFF8FC690)
YUV	175.3990, -15.4797, -28.4139
Hunter-Lab	69.4560, -27.6116, 19.7959

Details

The Yxy color **48.2414, 0.3083, 0.4069** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **35.6753, 0.3169, 0.2618**, and the grayscale version is **43.1729, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.6030, 0.3098, 0.3919**, and **22.9610, 0.3060, 0.4320** is the 20% darker color. If you saturate the color by 10%, you get **46.0858, 0.3065, 0.4406**, and if you desaturate by 10%, it is **50.8152, 0.3100, 0.3759**.

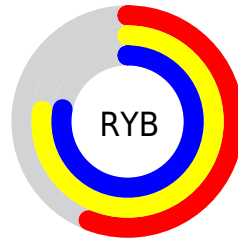
Distribution



Red (56%)

Green (78%)

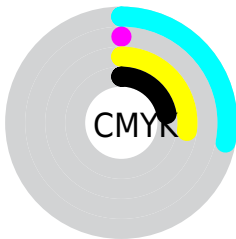
Blue (56%)



Red (56%)

Yellow (77%)

Blue (78%)

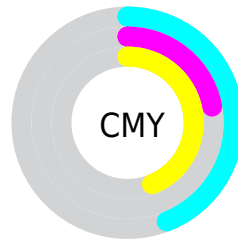


Cyan (28%)

Magenta (0%)

Yellow (27%)

Black (22%)



Cyan (44%)


Magenta (22%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.2414, 0.3083, 0.4069 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 48.2414, 0.3083, 0.4069 by changing the saturation by 10% instead.


 48.2414, 0.3083,
0.4069


 48.2414, 0.3083,
0.4069


379.7482, 0.3114,
0.3664

 34.0181, 0.3072,
0.4175


 87.5637, 0.3097,
0.3918

 22.9075, 0.3056,
0.4313


 113.4315, 0.3101,
0.3863

 14.5252, 0.3030,
0.4501


143.9496, 0.3105,
0.3817

 8.4869, 0.2988,
0.4771

179.5024, 0.3107,
0.3777

 4.4080, 0.2907,
0.5189

220.4742, 0.3110,
0.3743

 1.9043, 0.2849,
0.6168

267.2495, 0.3112,

 0.5510, 0.0000,

0.3713

1.0000

320.2127, 0.3113,
0.3687

0.0000, 0.0000,
0.0000

48.2414, 0.3083,
0.4069

48.2414, 0.3083,
0.4069

46.0858, 0.3065,
0.4406

50.8152, 0.3100,
0.3759

44.3208, 0.3047,
0.4757

53.8213, 0.3116,
0.3482

42.9247, 0.3030,
0.5105

57.2804, 0.3130,
0.3239

41.8714, 0.3016,
0.5423

61.2102, 0.3143,
0.3028

41.1313, 0.3006,
0.5686

65.6273, 0.3154,
0.2847

■ 40.6700, 0.3000,
0.5872

■ 68.8728, 0.3153,
0.2732

■ 40.4384, 0.2998,
0.5973

■ 40.4008, 0.2997,
0.5989

Harmonies

Analogous

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



48.2414, 0.3566, 0.4184



48.2414, 0.3083, 0.4069



48.2414, 0.2633, 0.3682

Triad

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



48.2414, 0.3083, 0.4069



48.2414, 0.2342, 0.2547



48.2414, 0.3990, 0.3297

Complementary

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



48.2414, 0.3083, 0.4069



35.6753, 0.3169, 0.2618

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.



48.2414, 0.3610, 0.2929



48.2414, 0.3083, 0.4069



48.2414, 0.2651, 0.2511

Square

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



48.2414, 0.3083, 0.4069



48.2414, 0.2229, 0.2777



48.2414, 0.3110, 0.2650



48.2414, 0.4114, 0.3688

Rectangle

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



48.2414, 0.3083, 0.4069



48.2414, 0.2410, 0.3351



48.2414, 0.3110, 0.2650



48.2414, 0.3886, 0.3168

Sweetspot

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



48.2434, 0.3083, 0.4069



95.1109, 0.3115, 0.3491



54.2581, 0.3535, 0.3979



20.1736, 0.3113, 0.3531



0.0000, 0.0000, 0.0000



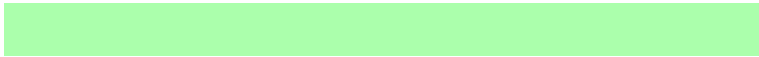
21.4041, 0.3127, 0.3290

Same Dimension

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



48.2434, 0.3083, 0.4069



83.1551, 0.3073, 0.4258



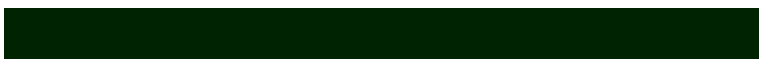
49.1861, 0.2898, 0.3663



11.8910, 0.3113, 0.3524



26.2721, 0.2996, 0.5986



1.2451, 0.2983, 0.5938

Inverse Universe

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



35.6753, 0.3169, 0.2618



57.4496, 0.3178, 0.2481



34.5305, 0.3440, 0.2946



10.8131, 0.3141, 0.3066



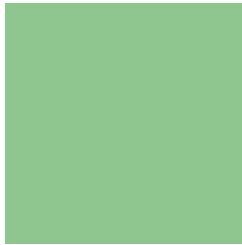
10.3524, 0.3255, 0.1567



0.4913, 0.3245, 0.1561

Previews

White Background



This preview shows how the Yxy color 48.2414, 0.3083, 0.4069 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 48.2414, 0.3083, 0.4069 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 48.2414, 0.3083, 0.4069

Background



This preview shows how black text looks on a background with the Yxy color 48.2414, 0.3083, 0.4069.



This preview shows how white text looks on a background with the Yxy color 48.2414, 0.3083, 0.4069.

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

48.2414, 0.3083, 0.4069

Protanopia

47.9863, 0.3618, 0.3880

Deuteranopia

47.9103, 0.3706, 0.3632



Tritanopia

48.1047, 0.2747, 0.3091

Trichromacy



Original Color

48.2414, 0.3083, 0.4069

Protanomaly

47.6358, 0.3407, 0.3952

Deuteranomaly

47.4959, 0.3459, 0.3789

Tritanomaly

48.0429, 0.2867, 0.3427

Monochromacy



Original Color

48.2414, 0.3083, 0.4069

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

44.3338, 0.3106, 0.3555

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.2414, 0.3083, 0.4069 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(143, 198, 144)` looks like.

```
.text, #text, p{  
    color:rgb(143, 198, 144)  
}
```

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(143, 198, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 198, 144) }
```

Border

The CSS property to change the border of an element to Yxy 48.2414, 0.3083, 0.4069 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(143, 198, 144) }
```

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

```
.border{ border-color:rgb(143, 198, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 198, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 198, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 198, 144);  
box-shadow:4px 4px 4px 4px rgb(143, 198,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 48.2414, 0.3083, 0.4069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 198, 144) }
```

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

```
.background{ background-color: rgb(143,  
198, 144) }
```

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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