

Converting Colors

$Yxy(47.7969, 0.3175, 0.3998)$

Have a look what the booklet for
Yxy(47.7969, 0.3175, 0.3998)
contains.

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Color

Yxy(48.0124, 0.3179, 0.4010)

Conversions

Conversions Part 1

Format	Color
Hex	9BC390
RGB	155, 195, 144
RGB Percent	61%, 76%, 56%
CMY	0.3923, 0.2353, 0.4352
CMYK	0.21, 0.00, 0.26, 0.24
HSL	107°, 30%, 66%
HSV	107°, 26%, 76%
XYZ	38.0627, 48.0124, 33.6566
YIQ	177.2260, -7.4690, -24.3410

Conversions

Conversions Part 2

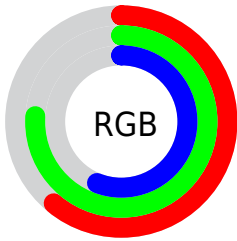
Format	Color
RYB	144, 195, 184
Decimal	10208144
CIELab	74.83, -22.98, 21.38
CIELCh	75, 31.385, 137.060
Yxy	48.0124, 0.3179, 0.4010
Android (android.graphics.Color)	4288398224 (0xFF9BC390)
YUV	177.2260, -16.3804, -19.4922
Hunter-Lab	69.2910, -23.2062, 19.7049

Details

The Yxy color **48.0124, 0.3179, 0.4010** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **34.0948, 0.3051, 0.2626**, and the grayscale version is **44.1804, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.3997, 0.3174, 0.3876**, and **22.7236, 0.3186, 0.4235** is the 20% darker color. If you saturate the color by 10%, you get **46.0483, 0.3192, 0.4330**, and if you desaturate by 10%, it is **50.2758, 0.3161, 0.3712**.

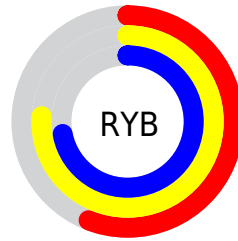
Distribution



Red (61%)

Green (76%)

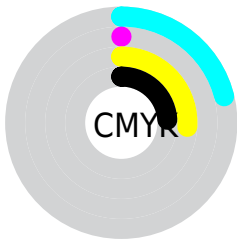
Blue (56%)



Red (56%)

Yellow (76%)

Blue (72%)

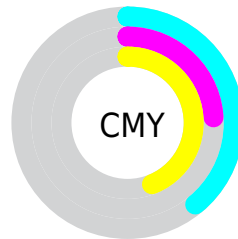


Cyan (21%)

Magenta (0%)

Yellow (26%)

Black (24%)



Cyan (39%)


Magenta (24%)


Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.0124, 0.3179, 0.4010 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 48.0124, 0.3179, 0.4010 by changing the saturation by 10% instead.


 48.0124, 0.3179,
0.4010

 48.0124, 0.3179,
0.4010


378.8413, 0.3161,
0.3638

 33.8367, 0.3181,
0.4106


 87.2229, 0.3174,
0.3872

 22.7682, 0.3181,
0.4232


 113.0264, 0.3172,
0.3821

 14.4224, 0.3178,
0.4403


143.4747, 0.3170,
0.3778

 8.4151, 0.3167,
0.4646

178.9522, 0.3168,
0.3742

 4.3617, 0.3136,
0.5019

219.8432, 0.3166,
0.3711

 1.8779, 0.3175,
0.5903

266.5321, 0.3164,

 0.5350, 0.0000,

0.3683

1.0000

319.4033, 0.3163,
0.3659

■ 0.0000, 0.0000,
0.0000

■ 48.0124, 0.3179,
0.4010

■ 48.0124, 0.3179,
0.4010

■ 46.0483, 0.3192,
0.4330

■ 50.2758, 0.3161,
0.3712

■ 44.3650, 0.3199,
0.4664

■ 52.8442, 0.3141,
0.3442

■ 42.9511, 0.3197,
0.4995

■ 55.7306, 0.3119,
0.3200

■ 41.7921, 0.3184,
0.5305

■ 58.9456, 0.3096,
0.2987


■ 40.8720, 0.3161,
0.5571


■ 62.4991, 0.3074,
0.2800

 40.1729, 0.3128,
0.5773

 66.0061, 0.3094,
0.2692

 39.6736, 0.3089,
0.5902

 67.5152, 0.3155,
0.2703

 39.5239, 0.3076,
0.5940

Harmonies

Analogous

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



48.0124, 0.3597, 0.4065



48.0124, 0.3179, 0.4010



48.0124, 0.2765, 0.3713

Triad

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



48.0124, 0.3179, 0.4010



48.0124, 0.2394, 0.2660



48.0124, 0.3834, 0.3232

Complementary

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



48.0124, 0.3179, 0.4010



34.0948, 0.3051, 0.2626

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.



48.0124, 0.3469, 0.2913



48.0124, 0.3179, 0.4010



48.0124, 0.2639, 0.2590

Square

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



48.0124, 0.3179, 0.4010



48.0124, 0.2331, 0.2903



48.0124, 0.3027, 0.2684



48.0124, 0.3994, 0.3583

Rectangle

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



48.0124, 0.3179, 0.4010



48.0124, 0.2545, 0.3433



48.0124, 0.3027, 0.2684



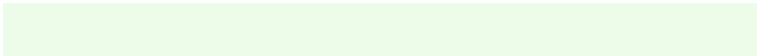
48.0124, 0.3730, 0.3119

Sweetspot

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



48.0145, 0.3179, 0.4010



93.6777, 0.3145, 0.3493



47.8842, 0.3550, 0.3805



20.3559, 0.3148, 0.3533



0.0000, 0.0000, 0.0000



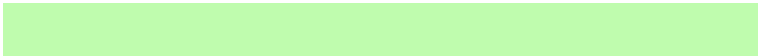
21.4041, 0.3127, 0.3290

Same Dimension

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



48.0145, 0.3179, 0.4010



84.0405, 0.3187, 0.4179



47.4518, 0.2992, 0.3813



11.3606, 0.3147, 0.3526



25.7155, 0.3083, 0.5934



1.1419, 0.3241, 0.5809

Inverse Universe

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



34.0948, 0.3051, 0.2626



55.1780, 0.3031, 0.2485



34.8765, 0.3296, 0.2819



10.1350, 0.3104, 0.3061



7.0111, 0.2677, 0.1248



0.3308, 0.2802, 0.1317

Previews

White Background



This preview shows how the Yxy color 48.0124, 0.3179, 0.4010 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 48.0124, 0.3179, 0.4010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

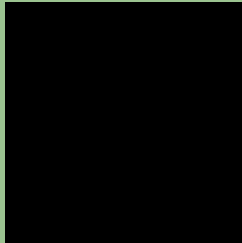
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.0124, 0.3179, 0.4010

Background



This preview shows how black text looks on a background with the Yxy color 48.0124, 0.3179, 0.4010.



This preview shows how white text looks on a background with the Yxy color 48.0124, 0.3179, 0.4010.

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

48.0124, 0.3179, 0.4010

Protanopia

47.6014, 0.3613, 0.3855

Deuteranopia

47.4849, 0.3718, 0.3633



Tritanopia

47.8042, 0.2844, 0.3093

Trichromacy



Original Color

48.0124, 0.3179, 0.4010

Protanomaly

47.4088, 0.3448, 0.3904

Deuteranomaly

47.3110, 0.3510, 0.3758

Tritanomaly

47.7402, 0.2962, 0.3412

Monochromacy



Original Color

48.0124, 0.3179, 0.4010

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

45.4326, 0.3149, 0.3550

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.0124, 0.3179, 0.4010 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(155, 195, 144)` looks like.

```
.text, #text, p{  
    color:rgb(155, 195, 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(155, 195, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 195, 144) }
```

Border

The CSS property to change the border of an element to Yxy 48.0124, 0.3179, 0.4010 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(155, 195, 144) }
```

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

```
.border{ border-color:rgb(155, 195, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 195, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 195, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 195, 144);  
box-shadow:4px 4px 4px 4px rgb(155, 195,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 48.0124, 0.3179, 0.4010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 195, 144) }
```

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

```
.background{ background-color: rgb(155,  
195, 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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