

Converting Colors

Yxy(57.3819, 0.3193, 0.4326)

Have a look what the booklet for
Yxy(57.3819, 0.3193, 0.4326)
contains.

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Color

Yxy(57.4044, 0.3196, 0.4326)

Conversions

Conversions Part 1

Format	Color
Hex	9BD78A
RGB	155, 215, 138
RGB Percent	61%, 84%, 54%
CMY	0.3920, 0.1569, 0.4589
CMYK	0.28, 0.00, 0.36, 0.16
HSL	107°, 49%, 69%
HSV	107°, 36%, 84%
XYZ	42.4097, 57.4044, 32.8821
YIQ	188.2820, -11.0430, -36.6670

Conversions

Conversions Part 2

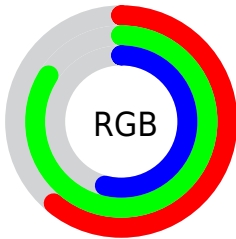
Format	Color
RYB	138, 215, 198
Decimal	10213258
CIELab	80.41, -33.47, 32.04
CIElCh	80, 46.333, 136.257
Yxy	57.4044, 0.3196, 0.4326
Android (android.graphics.Color)	4288403338 (0xFF9BD78A)
YUV	188.2820, -24.7890, -29.1883
Hunter-Lab	75.7657, -32.6749, 27.3043

Details

The Yxy color **57.4044, 0.3196, 0.4326** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **35.0760, 0.3007, 0.2363**, and the grayscale version is **50.6111, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.1747, 0.3212, 0.3971**, and **28.6545, 0.3192, 0.4627** is the 20% darker color. If you saturate the color by 10%, you get **55.3011, 0.3204, 0.4661**, and if you desaturate by 10%, it is **59.8654, 0.3182, 0.4004**.

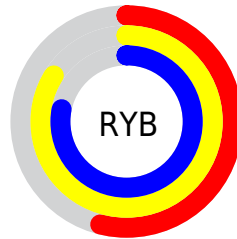
Distribution



Red (61%)

Green (84%)

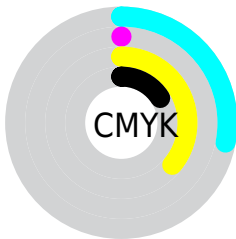
Blue (54%)



Red (54%)

Yellow (84%)

Blue (78%)

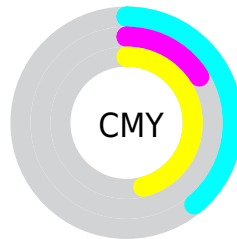


Cyan (28%)

Magenta (0%)

Yellow (36%)

Black (16%)



Cyan (39%)


Magenta (16%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.4044, 0.3196, 0.4326 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 57.4044, 0.3196, 0.4326 by changing the saturation by 10% instead.


 57.4044, 0.3196,
0.4326


 57.4044, 0.3196,
0.4326


414.9629, 0.3179,
0.3801


 41.3300, 0.3194,
0.4458

 101.0550, 0.3194,
0.4134

 28.5770, 0.3189,
0.4627


 129.4000, 0.3192,
0.4062

 18.7611, 0.3175,
0.4851


 162.6041, 0.3190,
0.4002

 11.4978, 0.3145,
0.5160

201.0515, 0.3188,
0.3950

 6.4027, 0.3077,
0.5607

245.1267, 0.3186,
0.3905

 3.0915, 0.3017,
0.6519

295.2140, 0.3183,

 1.1797, 0.1906,

0.3866

0.8094

351.6980, 0.3181,
0.3831

■ 0.0450, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 57.4044, 0.3196,
0.4326

■ 57.4044, 0.3196,
0.4326

■ 55.3011, 0.3204,
0.4661

■ 59.8654, 0.3182,
0.4004

■ 53.5316, 0.3202,
0.4993


■ 62.6924, 0.3163,
0.3706


■ 52.0801, 0.3190,
0.5304


■ 65.9024, 0.3141,
0.3434

■ 50.9266, 0.3167,
0.5570


■ 69.5092, 0.3117,
0.3192

 50.0490, 0.3133,
0.5772

 73.5259, 0.3094,
0.2979

 49.4209, 0.3093,
0.5901

 77.0800, 0.3145,
0.2900

 49.2190, 0.3077,
0.5939

Harmonies

Analogous

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



57.4044, 0.3771, 0.4363



57.4044, 0.3196, 0.4326



57.4044, 0.2632, 0.3906

Triad

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



57.4044, 0.3196, 0.4326



57.4044, 0.2133, 0.2432



57.4044, 0.4103, 0.3182

Complementary

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



57.4044, 0.3196, 0.4326



35.0760, 0.3007, 0.2363

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.



57.4044, 0.3581, 0.2767



57.4044, 0.3196, 0.4326



57.4044, 0.2447, 0.2347

Square

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



57.4044, 0.3196, 0.4326



57.4044, 0.2055, 0.2751



57.4044, 0.2963, 0.2471



57.4044, 0.4331, 0.3647

Rectangle

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



57.4044, 0.3196, 0.4326



57.4044, 0.2337, 0.3497



57.4044, 0.2963, 0.2471



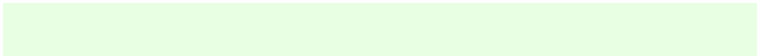
57.4044, 0.3953, 0.3035

Sweetspot

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



57.4069, 0.3196, 0.4326



94.4142, 0.3152, 0.3574



56.2264, 0.3731, 0.3990



20.0718, 0.3155, 0.3612



0.0000, 0.0000, 0.0000



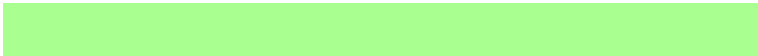
21.4041, 0.3127, 0.3290

Same Dimension

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



57.4069, 0.3196, 0.4326



82.0804, 0.3202, 0.4580



56.4883, 0.2953, 0.4070



14.0272, 0.3149, 0.3529



29.4782, 0.3085, 0.5933



1.8153, 0.3205, 0.5837

Inverse Universe

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



35.0760, 0.3007, 0.2363



44.5197, 0.2972, 0.2165



36.5345, 0.3366, 0.2622



12.4875, 0.3103, 0.3058



7.9221, 0.2657, 0.1237



0.5128, 0.2757, 0.1293

Previews

White Background



This preview shows how the Yxy color 57.4044, 0.3196, 0.4326 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 57.4044, 0.3196, 0.4326 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 57.4044, 0.3196, 0.4326

Background



This preview shows how black text looks on a background with the Yxy color 57.4044, 0.3196, 0.4326.



This preview shows how white text looks on a background with the Yxy color 57.4044, 0.3196, 0.4326.

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

57.4044, 0.3196, 0.4326

Protanopia

57.0845, 0.3784, 0.4088

Deuteranopia

56.6429, 0.3904, 0.3815



Tritanopia

57.3181, 0.2765, 0.3093

Trichromacy



Original Color

57.4044, 0.3196, 0.4326



Protanomaly

56.8532, 0.3552, 0.4174



Deuteranomaly

56.0353, 0.3632, 0.3993



Tritanomaly

57.2550, 0.2922, 0.3521

Monochromacy



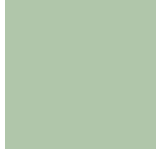
Original Color

57.4044, 0.3196, 0.4326



Achromatopsia

50.2886, 0.3127, 0.3290



Achromatomaly

52.5206, 0.3157, 0.3656

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.4044, 0.3196, 0.4326 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, 215, 138)` looks like.

```
.text, #text, p{  
    color:rgb(155, 215, 138)  
}
```

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, 215, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 215, 138) }
```

Border

The CSS property to change the border of an element to Yxy 57.4044, 0.3196, 0.4326 is called "border". The border property can be set on classes, ids or directly on the HTML element.

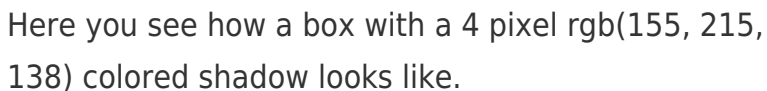
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 215, 138) }
```

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

```
.border{ border-color:rgb(155, 215, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 215, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 215, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 215, 138);  
box-shadow:4px 4px 4px 4px rgb(155, 215,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 57.4044, 0.3196, 0.4326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 215, 138) }
```

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

```
.background{ background-color: rgb(155,  
215, 138) }
```

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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