

Converting Colors

$Yxy(41.3722, 0.3255, 0.4111)$

Have a look what the booklet for
Yxy(41.3722, 0.3255, 0.4111)
contains.

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Color

Yxy(41.1912, 0.3256, 0.4115)

Conversions

Conversions Part 1

Format	Color
Hex	93B67F
RGB	147, 182, 127
RGB Percent	58%, 71%, 50%
CMY	0.4235, 0.2863, 0.5019
CMYK	0.19, 0.00, 0.30, 0.29
HSL	98°, 27%, 61%
HSV	98°, 30%, 71%
XYZ	32.5926, 41.1912, 26.3163
YIQ	165.2650, -3.2050, -24.5250

Conversions

Conversions Part 2

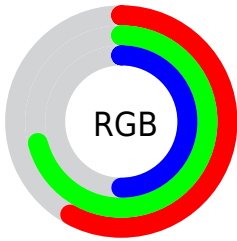
Format	Color
RYB	127, 182, 162
Decimal	9680511
CIELab	70.31, -22.05, 24.23
CIELCh	70, 32.764, 132.311
Yxy	41.1912, 0.3256, 0.4115
Android (android.graphics.Color)	4287870591 (0xFF93B67F)
YUV	165.2650, -18.8646, -16.0184
Hunter-Lab	64.1804, -21.6683, 20.6152

Details

The Yxy color **41.1912, 0.3256, 0.4115** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **26.2430, 0.2950, 0.2502**, and the grayscale version is **37.8558, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.0009, 0.3241, 0.3951**, and **18.6692, 0.3275, 0.4396** is the 20% darker color. If you saturate the color by 10%, you get **39.7428, 0.3289, 0.4425**, and if you desaturate by 10%, it is **42.8367, 0.3216, 0.3820**.

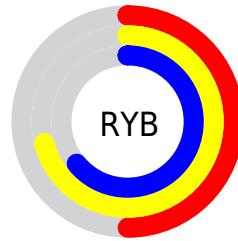
Distribution



Red (58%)

Green (71%)

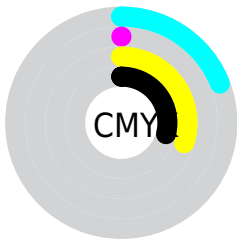
Blue (50%)



Red (50%)

Yellow (71%)

Blue (64%)

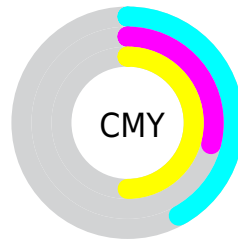


Cyan (19%)

Magenta (0%)

Yellow (30%)

Black (29%)



Cyan (42%)


Magenta (29%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.1912, 0.3256, 0.4115 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 41.1912, 0.3256, 0.4115 by changing the saturation by 10% instead.


 41.1912, 0.3256,
0.4115


 41.1912, 0.3256,
0.4115


351.1191, 0.3200,
0.3678


 28.4685, 0.3266,
0.4232


 76.9741, 0.3238,
0.3950

 18.6791, 0.3276,
0.4386


 100.8030, 0.3231,
0.3890

 11.4387, 0.3285,
0.4599


 129.1029, 0.3224,
0.3840

 6.3627, 0.3284,
0.4909

162.2580, 0.3218,
0.3798

 3.0669, 0.3260,
0.5410

200.6528, 0.3213,
0.3762

 1.1667, 0.3190,
0.6810

244.6716, 0.3208,

 0.0343, 0.0000,

0.3730

1.0000

294.6989, 0.3204,
0.3702

0.0000, 0.0000,
0.0000

41.1912, 0.3256,
0.4115

41.1912, 0.3256,
0.4115

39.7428, 0.3289,
0.4425

42.8367, 0.3216,
0.3820

38.4784, 0.3312,
0.4739

44.6814, 0.3173,
0.3545

37.3915, 0.3322,
0.5043

46.7338, 0.3128,
0.3295


36.4728, 0.3315,
0.5320


49.0006, 0.3083,
0.3070

35.7123, 0.3291,
0.5551


51.4880, 0.3040,
0.2869

 35.0986, 0.3251,
0.5723

 54.2020, 0.2998,
0.2692

 34.6207, 0.3202,
0.5839

 57.1484, 0.2958,
0.2534

 59.1454, 0.3043,
0.2549

 61.2344, 0.3132,
0.2569

Harmonies

Analogous

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



41.1912, 0.3704, 0.4125



41.1912, 0.3256, 0.4115



41.1912, 0.2794, 0.3824

Triad

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



41.1912, 0.3256, 0.4115



41.1912, 0.2303, 0.2629



41.1912, 0.3853, 0.3164

Complementary

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



41.1912, 0.3256, 0.4115



26.2430, 0.2950, 0.2502

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.



41.1912, 0.3426, 0.2831



41.1912, 0.3256, 0.4115



41.1912, 0.2539, 0.2526

Square

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



41.1912, 0.3256, 0.4115



41.1912, 0.2268, 0.2920



41.1912, 0.2941, 0.2603



41.1912, 0.4071, 0.3544

Rectangle

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



41.1912, 0.3256, 0.4115



41.1912, 0.2540, 0.3522



41.1912, 0.2941, 0.2603



41.1912, 0.3727, 0.3045

Sweetspot

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



41.1930, 0.3256, 0.4115



81.3811, 0.3168, 0.3517



37.2625, 0.3651, 0.3777



17.8608, 0.3175, 0.3556



93.3107, 0.3127, 0.3290



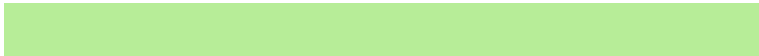
18.7317, 0.3127, 0.3290

Same Dimension

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



41.1930, 0.3256, 0.4115



72.9591, 0.3278, 0.4312



39.7009, 0.3033, 0.4039



10.2148, 0.3169, 0.3522



24.4828, 0.3210, 0.5833



0.8987, 0.3427, 0.5661

Inverse Universe

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



26.2430, 0.2950, 0.2502



41.6452, 0.2902, 0.2324



28.2104, 0.3238, 0.2641



8.9951, 0.3081, 0.3061



5.0379, 0.2325, 0.1054



0.2113, 0.2557, 0.1182

Previews

White Background



This preview shows how the Yxy color 41.1912, 0.3256, 0.4115 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 41.1912, 0.3256, 0.4115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

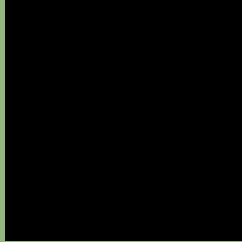
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.1912, 0.3256, 0.4115

Background



This preview shows how black text looks on a background with the Yxy color 41.1912, 0.3256, 0.4115.



This preview shows how white text looks on a background with the Yxy color 41.1912, 0.3256, 0.4115.

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

41.1912, 0.3256, 0.4115

Protanopia

40.8452, 0.3690, 0.3957

Deuteranopia

40.7462, 0.3807, 0.3717



Tritanopia

41.0710, 0.2873, 0.3095

Trichromacy



Original Color

41.1912, 0.3256, 0.4115

Protanomaly

40.7731, 0.3520, 0.4014

Deuteranomaly

40.6826, 0.3589, 0.3855

Tritanomaly

40.9698, 0.3008, 0.3448

Monochromacy



Original Color

41.1912, 0.3256, 0.4115

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

38.6293, 0.3177, 0.3583

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1912, 0.3256, 0.4115 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(147, 182, 127)` looks like.

```
.text, #text, p{  
    color:rgb(147, 182, 127)  
}
```

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(147, 182, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 182, 127) }
```

Border

The CSS property to change the border of an element to Yxy 41.1912, 0.3256, 0.4115 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(147, 182, 127) }
```

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

```
.border{ border-color:rgb(147, 182, 127) }
```

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

Here you see how a box with a 4 pixel rgb(147, 182, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 182, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 182, 127);  
box-shadow:4px 4px 4px 4px rgb(147, 182,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1912, 0.3256, 0.4115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 182, 127) }
```

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

```
.background{ background-color: rgb(147,  
182, 127) }
```

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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