

Converting Colors

$Yxy(42.9305, 0.3013, 0.3663)$

Have a look what the booklet for
Yxy(42.9305, 0.3013, 0.3663)
contains.

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Color

Yxy(42.9526, 0.3019, 0.3669)

Conversions

Conversions Part 1

Format	Color
Hex	93B89E
RGB	147, 184, 158
RGB Percent	58%, 72%, 62%
CMY	0.4236, 0.2784, 0.3804
CMYK	0.20, 0.00, 0.14, 0.28
HSL	138°, 21%, 65%
HSV	138°, 20%, 72%
XYZ	35.3431, 42.9526, 38.7732
YIQ	169.9730, -13.7060, -15.9300

Conversions

Conversions Part 2

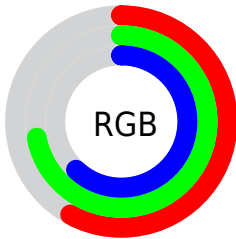
Format	Color
RYB	147, 176, 184
Decimal	9681054
CIELab	71.52, -17.70, 9.14
CIELCh	72, 19.925, 152.691
Yxy	42.9526, 0.3019, 0.3669
Android (android.graphics.Color)	4287871134 (0xFF93B89E)
YUV	169.9730, -5.9027, -20.1473
Hunter-Lab	65.5382, -18.4314, 10.8001

Details

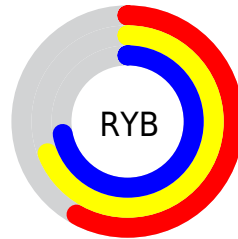
The Yxy color **42.9526, 0.3019, 0.3669** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **34.0735, 0.3255, 0.2939**, and the grayscale version is **40.2193, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.5418, 0.3036, 0.3590**, and **19.7809, 0.2983, 0.3784** is the 20% darker color. If you saturate the color by 10%, you get **40.9652, 0.2968, 0.3891**, and if you desaturate by 10%, it is **45.2626, 0.3072, 0.3469**.

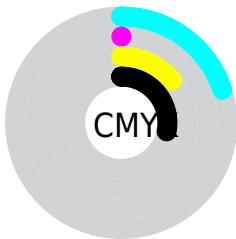
Distribution



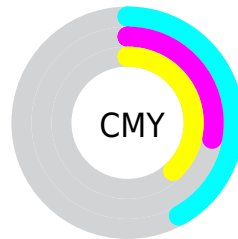
- Red (58%)
- Green (72%)
- Blue (62%)



- Red (58%)
- Yellow (69%)
- Blue (72%)



- Cyan (20%)
- Magenta (0%)
- Yellow (14%)
- Black (28%)





- Cyan (42%)
- Magenta (28%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.9526, 0.3019, 0.3669 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 42.9526, 0.3019, 0.3669 by changing the saturation by 10% instead.


 42.9526, 0.3019,
0.3669


 42.9526, 0.3019,
0.3669


358.4168, 0.3076,
0.3472

 29.8479, 0.3004,
0.3721


 79.6393, 0.3041,
0.3596

 19.7232, 0.2983,
0.3789


 103.9902, 0.3048,
0.3569

 12.1940, 0.2955,
0.3882


132.8585, 0.3055,
0.3546

 6.8759, 0.2913,
0.4019

166.6288, 0.3061,
0.3527

 3.3846, 0.2844,
0.4236

205.6854, 0.3065,
0.3510

 1.3357, 0.2723,
0.4661

250.4126, 0.3069,

 0.1686, 0.0000,

0.3496

1.0000

301.1950, 0.3073,
0.3483

0.0000, 0.0000,
0.0000

42.9526, 0.3019,
0.3669

42.9526, 0.3019,
0.3669

40.9652, 0.2968,
0.3891

45.2626, 0.3072,
0.3469

39.2805, 0.2922,
0.4133

47.9032, 0.3127,
0.3292

37.8849, 0.2883,
0.4391

50.8887, 0.3180,
0.3136

36.7616, 0.2856,
0.4658

54.2313, 0.3231,
0.2999

35.8919, 0.2842,
0.4925

57.9423, 0.3280,
0.2880

■ 35.2546, 0.2843,
0.5180

■ 61.5752, 0.3308,
0.2773

■ 34.8251, 0.2861,
0.5409

■ 62.3525, 0.3208,
0.2653

■ 34.5565, 0.2889,
0.5602

■ 62.7636, 0.3160,
0.2595

Harmonies

Analogous

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



42.9526, 0.3306, 0.3793



42.9526, 0.3019, 0.3669



42.9526, 0.2769, 0.3428

Triad

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



42.9526, 0.3019, 0.3669



42.9526, 0.2708, 0.2828



42.9526, 0.3665, 0.3384

Complementary

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



42.9526, 0.3019, 0.3669



34.0735, 0.3255, 0.2939

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.



42.9526, 0.3490, 0.3147



42.9526, 0.3019, 0.3669



42.9526, 0.2931, 0.2835

Square

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



42.9526, 0.3019, 0.3669



42.9526, 0.2596, 0.2940



42.9526, 0.3218, 0.2950



42.9526, 0.3687, 0.3610

Rectangle

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



42.9526, 0.3019, 0.3669



42.9526, 0.2655, 0.3245



42.9526, 0.3218, 0.2950



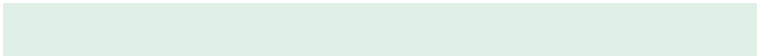
42.9526, 0.3622, 0.3304

Sweetspot

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



42.9544, 0.3019, 0.3669



83.8928, 0.3094, 0.3396



45.3334, 0.3331, 0.3799



18.0202, 0.3091, 0.3407



93.3107, 0.3127, 0.3290



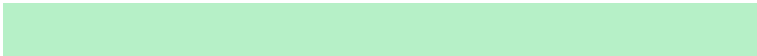
18.7317, 0.3127, 0.3290

Same Dimension

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



42.9544, 0.3019, 0.3669



76.2460, 0.2997, 0.3761



43.6200, 0.2888, 0.3403



10.1029, 0.3077, 0.3455



23.8254, 0.2883, 0.5580



0.8512, 0.2730, 0.5028

Inverse Universe

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



34.0735, 0.3255, 0.2939



57.3052, 0.3288, 0.2861



33.4232, 0.3436, 0.3180



9.1160, 0.3182, 0.3131



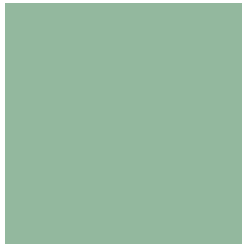
8.1339, 0.4121, 0.2044



0.2971, 0.3835, 0.1886

Previews

White Background



This preview shows how the Yxy color 42.9526, 0.3019, 0.3669 looks on a white background.

Color Contrast Check

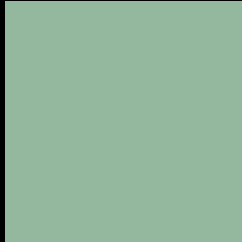
Large Text (above 18pt) WCAG AA × Fail

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 42.9526, 0.3019, 0.3669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

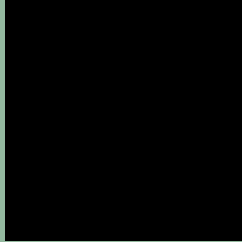
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.9526, 0.3019, 0.3669

Background



This preview shows how black text looks on a background with the Yxy color 42.9526, 0.3019, 0.3669.



This preview shows how white text looks on a background with the Yxy color 42.9526, 0.3019, 0.3669.

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

42.9526, 0.3019, 0.3669

Protanopia

42.6393, 0.3388, 0.3574

Deuteranopia

42.8195, 0.3460, 0.3394



Tritanopia

42.8628, 0.2809, 0.3097

Trichromacy



Original Color

42.9526, 0.3019, 0.3669

Protanomaly

42.7534, 0.3244, 0.3611

Deuteranomaly

42.3939, 0.3290, 0.3481

Tritanomaly

42.9223, 0.2888, 0.3303

Monochromacy



Original Color

42.9526, 0.3019, 0.3669

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

41.0945, 0.3086, 0.3417

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.9526, 0.3019, 0.3669 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, 184, 158)` looks like.

```
.text, #text, p{  
    color:rgb(147, 184, 158)  
}
```

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, 184, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 184, 158) }
```

Border

The CSS property to change the border of an element to Yxy 42.9526, 0.3019, 0.3669 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, 184, 158) }
```

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

```
.border{ border-color:rgb(147, 184, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 184, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 184, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 184, 158);  
box-shadow:4px 4px 4px 4px rgb(147, 184,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 42.9526, 0.3019, 0.3669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 184, 158) }
```

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

```
.background{ background-color: rgb(147,  
184, 158) }
```

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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