

Converting Colors

$Yxy(41.1724, 0.3118, 0.3842)$

Have a look what the booklet for
Yxy(41.1724, 0.3118, 0.3842)
contains.

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Color

Yxy(41.1724, 0.3118, 0.3842)

Conversions

Conversions Part 1

Format	Color
Hex	92B590
RGB	146, 181, 144
RGB Percent	57%, 71%, 56%
CMY	0.4274, 0.2902, 0.4352
CMYK	0.19, 0.00, 0.20, 0.29
HSL	117°, 20%, 64%
HSV	117°, 20%, 71%
XYZ	33.4137, 41.1724, 32.5778
YIQ	166.3170, -8.9830, -18.9270

Conversions

Conversions Part 2

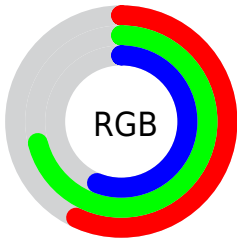
Format	Color
RYB	144, 181, 179
Decimal	9614736
CIELab	70.30, -19.08, 15.02
CIElCh	70, 24.285, 141.796
Yxy	41.1724, 0.3118, 0.3842
Android (android.graphics.Color)	4287804816 (0xFF92B590)
YUV	166.3170, -11.0023, -17.8180
Hunter-Lab	64.1657, -19.3377, 14.8136

Details

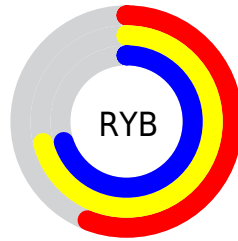
The Yxy color **41.1724, 0.3118, 0.3842** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **32.8732, 0.3131, 0.2788**, and the grayscale version is **38.3540, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.9250, 0.3120, 0.3732**, and **18.6794, 0.3105, 0.4011** is the 20% darker color. If you saturate the color by 10%, you get **39.2104, 0.3110, 0.4160**, and if you desaturate by 10%, it is **43.4618, 0.3123, 0.3555**.

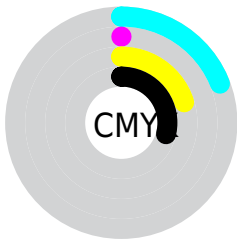
Distribution



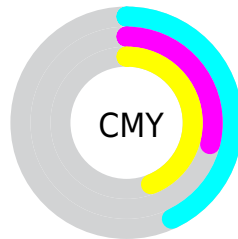
- Red (57%)
- Green (71%)
- Blue (56%)



- Red (56%)
- Yellow (71%)
- Blue (70%)



- Cyan (19%)
- Magenta (0%)
- Yellow (20%)
- Black (29%)




- Cyan (43%)
- Magenta (29%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.1724, 0.3118, 0.3842 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 41.1724, 0.3118, 0.3842 by changing the saturation by 10% instead.


 41.1724, 0.3118,
0.3842


 41.1724, 0.3118,
0.3842


351.0406, 0.3127,
0.3551

 28.4538, 0.3114,
0.3920


 76.9455, 0.3123,
0.3733

 18.6680, 0.3107,
0.4022


 100.7689, 0.3124,
0.3693

 11.4307, 0.3096,
0.4165


129.0626, 0.3125,
0.3659

 6.3573, 0.3076,
0.4375

162.2111, 0.3126,
0.3631

 3.0635, 0.3033,
0.4714

200.5987, 0.3126,
0.3607

 1.1650, 0.3129,
0.5903

244.6100, 0.3127,

 0.0328, 0.0000,

0.3586

1.0000

294.6291, 0.3127,
0.3568

0.0000, 0.0000,
0.0000

41.1724, 0.3118,
0.3842

41.1724, 0.3118,
0.3842

39.2104, 0.3110,
0.4160

43.4618, 0.3123,
0.3555

37.5558, 0.3100,
0.4500

46.0871, 0.3127,
0.3300

36.1947, 0.3088,
0.4851


49.0628, 0.3129,
0.3078

35.1100, 0.3073,
0.5191


52.4013, 0.3130,
0.2885

34.2826, 0.3056,
0.5495


56.1142, 0.3131,
0.2719

 33.6912, 0.3038,
0.5738

 60.2127, 0.3130,
0.2576

 33.3111, 0.3022,
0.5902

 61.5284, 0.3161,
0.2565

 33.1112, 0.3012,
0.5991

Harmonies

Analogous

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



41.1724, 0.3465, 0.3925



41.1724, 0.3118, 0.3842



41.1724, 0.2786, 0.3581

Triad

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



41.1724, 0.3118, 0.3842



41.1724, 0.2545, 0.2754



41.1724, 0.3734, 0.3293

Complementary

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



41.1724, 0.3118, 0.3842



32.8732, 0.3131, 0.2788

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.



41.1724, 0.3461, 0.3018



41.1724, 0.3118, 0.3842



41.1724, 0.2772, 0.2714

Square

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



41.1724, 0.3118, 0.3842



41.1724, 0.2468, 0.2938



41.1724, 0.3105, 0.2811



41.1724, 0.3834, 0.3582

Rectangle

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



41.1724, 0.3118, 0.3842



41.1724, 0.2615, 0.3354



41.1724, 0.3105, 0.2811



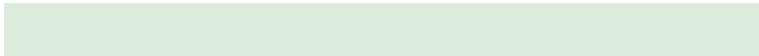
41.1724, 0.3659, 0.3197

Sweetspot

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



41.1742, 0.3118, 0.3842



79.7993, 0.3125, 0.3440



43.8926, 0.3436, 0.3759



17.1836, 0.3125, 0.3457



91.1408, 0.3127, 0.3290



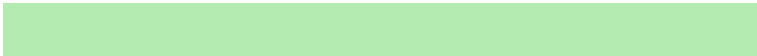
17.8868, 0.3127, 0.3290

Same Dimension

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



41.1742, 0.3118, 0.3842



71.9167, 0.3115, 0.3997



41.5188, 0.2980, 0.3599



9.5112, 0.3124, 0.3525



22.8356, 0.3014, 0.5989



0.7257, 0.3075, 0.5941

Inverse Universe

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



32.8732, 0.3131, 0.2788



54.0692, 0.3131, 0.2663



32.4914, 0.3308, 0.3001



8.6230, 0.3129, 0.3065



8.2988, 0.3077, 0.1469



0.2681, 0.3116, 0.1490

Previews

White Background



This preview shows how the Yxy color 41.1724, 0.3118, 0.3842 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 41.1724, 0.3118, 0.3842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

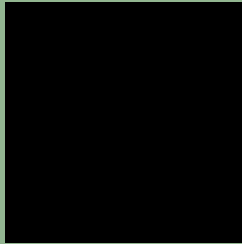
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.1724, 0.3118, 0.3842

Background



This preview shows how black text looks on a background with the Yxy color 41.1724, 0.3118, 0.3842.



This preview shows how white text looks on a background with the Yxy color 41.1724, 0.3118, 0.3842.

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

41.1724, 0.3118, 0.3842

Protanopia

40.9350, 0.3509, 0.3730

Deuteranopia

40.8872, 0.3601, 0.3527



Tritanopia

41.2041, 0.2842, 0.3095

Trichromacy



Original Color

41.1724, 0.3118, 0.3842

Protanomaly

41.0180, 0.3358, 0.3773

Deuteranomaly

40.6661, 0.3409, 0.3637

Tritanomaly

41.0407, 0.2938, 0.3347

Monochromacy



Original Color

41.1724, 0.3118, 0.3842

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

38.9654, 0.3127, 0.3478

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1724, 0.3118, 0.3842 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(146, 181, 144)` looks like.

```
.text, #text, p{  
    color:rgb(146, 181, 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(146, 181, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 181, 144) }
```

Border

The CSS property to change the border of an element to Yxy 41.1724, 0.3118, 0.3842 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(146, 181, 144) }
```

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

```
.border{ border-color:rgb(146, 181, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 181, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 181, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 181, 144);  
box-shadow:4px 4px 4px 4px rgb(146, 181,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1724, 0.3118, 0.3842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 181, 144) }
```

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

```
.background{ background-color: rgb(146,  
181, 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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