

Converting Colors

$Yxy(40.2962, 0.3118, 0.3921)$

Have a look what the booklet for
Yxy(40.2962, 0.3118, 0.3921)
contains.

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Color

Yxy(40.1693, 0.3115, 0.3914)

Conversions

Conversions Part 1

Format	Color
Hex	8DB48B
RGB	141, 180, 139
RGB Percent	55%, 71%, 55%
CMY	0.4469, 0.2941, 0.4549
CMYK	0.22, 0.00, 0.23, 0.29
HSL	117°, 21%, 63%
HSV	117°, 23%, 71%
XYZ	31.9692, 40.1693, 30.4913
YIQ	163.6650, -10.0830, -21.0190

Conversions

Conversions Part 2

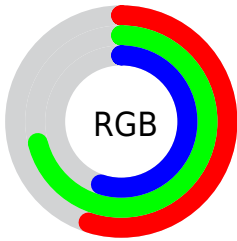
Format	Color
RYB	139, 180, 178
Decimal	9286795
CIELab	69.59, -21.20, 16.72
CIELCh	70, 26.999, 141.735
Yxy	40.1693, 0.3115, 0.3914
Android (android.graphics.Color)	4287476875 (0xFF8DB48B)
YUV	163.6650, -12.1598, -19.8772
Hunter-Lab	63.3793, -20.8764, 15.8415

Details

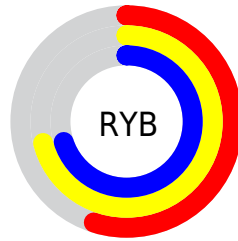
The Yxy color **40.1693, 0.3115, 0.3914** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **31.2188, 0.3132, 0.2730**, and the grayscale version is **37.0224, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.4433, 0.3117, 0.3785**, and **18.0737, 0.3100, 0.4117** is the 20% darker color. If you saturate the color by 10%, you get **38.3016, 0.3106, 0.4238**, and if you desaturate by 10%, it is **42.3587, 0.3122, 0.3619**.

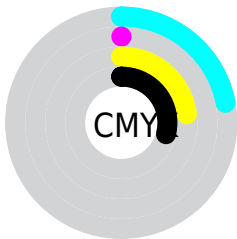
Distribution



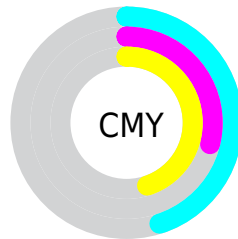
- Red (55%)
- Green (71%)
- Blue (55%)



- Red (55%)
- Yellow (71%)
- Blue (70%)



- Cyan (22%)
- Magenta (0%)
- Yellow (23%)
- Black (29%)





- Cyan (45%)
- Magenta (29%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.1693, 0.3115, 0.3914 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 40.1693, 0.3115, 0.3914 by changing the saturation by 10% instead.

 40.1693, 0.3115,
0.3914


 40.1693, 0.3115,
0.3914


346.8366, 0.3127,
0.3583

 27.6706, 0.3110,
0.4003


 75.4212, 0.3121,
0.3789

 18.0775, 0.3101,
0.4122


 98.9433, 0.3123,
0.3743

 11.0056, 0.3086,
0.4287


 126.9085, 0.3124,
0.3705

 6.0706, 0.3059,
0.4533

159.7013, 0.3125,
0.3673

 2.8881, 0.3000,
0.4932

197.7061, 0.3126,
0.3646

 1.0736, 0.3141,
0.6859

241.3074, 0.3126,

 0.0000, 0.0000,

0.3622

0.0000

290.8894, 0.3127,
0.3601

■ 40.1693, 0.3115,
0.3914

■ 40.1693, 0.3115,
0.3914

■ 38.3016, 0.3106,
0.4238

■ 42.3587, 0.3122,
0.3619

■ 36.7355, 0.3095,
0.4583

■ 44.8785, 0.3126,
0.3357

■ 35.4569, 0.3082,
0.4933


■ 47.7435, 0.3129,
0.3127


■ 34.4481, 0.3066,
0.5267

■ 50.9659, 0.3131,
0.2928


■ 33.6900, 0.3049,
0.5559


■ 54.5575, 0.3132,
0.2756

 33.1603, 0.3032,
0.5785

 58.5295, 0.3133,
0.2608

 32.8334, 0.3017,
0.5929

 61.1217, 0.3162,
0.2556

 32.6995, 0.3011,
0.5991

Harmonies

Analogous

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



40.1693, 0.3504, 0.4003



40.1693, 0.3115, 0.3914



40.1693, 0.2745, 0.3618

Triad

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



40.1693, 0.3115, 0.3914



40.1693, 0.2479, 0.2692



40.1693, 0.3809, 0.3290

Complementary

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



40.1693, 0.3115, 0.3914



31.2188, 0.3132, 0.2730

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.



40.1693, 0.3500, 0.2986



40.1693, 0.3115, 0.3914



40.1693, 0.2729, 0.2650

Square

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



40.1693, 0.3115, 0.3914



40.1693, 0.2393, 0.2894



40.1693, 0.3099, 0.2758



40.1693, 0.3920, 0.3611

Rectangle

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



40.1693, 0.3115, 0.3914



40.1693, 0.2556, 0.3361



40.1693, 0.3099, 0.2758



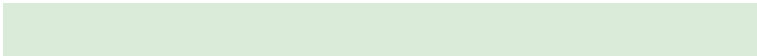
40.1693, 0.3724, 0.3183

Sweetspot

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



40.1710, 0.3115, 0.3914



79.3183, 0.3124, 0.3467



43.3870, 0.3471, 0.3823



17.0857, 0.3124, 0.3482



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.



40.1710, 0.3115, 0.3914



71.1833, 0.3111, 0.4062



40.5797, 0.2958, 0.3628



9.5096, 0.3123, 0.3525



22.8315, 0.3013, 0.5989



0.7250, 0.3069, 0.5945

Inverse Universe

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



31.2188, 0.3132, 0.2730



52.2628, 0.3133, 0.2613



30.7588, 0.3341, 0.2975



8.6248, 0.3130, 0.3065



8.3559, 0.3087, 0.1474



0.2694, 0.3123, 0.1494

Previews

White Background



This preview shows how the Yxy color 40.1693, 0.3115, 0.3914 looks on a white background.

Color Contrast Check

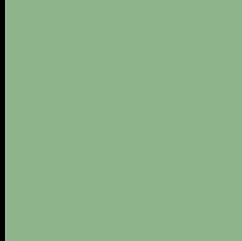
Large Text (above 18pt) WCAG AA × Fail

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 40.1693, 0.3115, 0.3914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

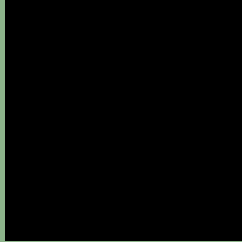
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.1693, 0.3115, 0.3914

Background



This preview shows how black text looks on a background with the Yxy color 40.1693, 0.3115, 0.3914.



This preview shows how white text looks on a background with the Yxy color 40.1693, 0.3115, 0.3914.

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

40.1693, 0.3115, 0.3914

Protanopia

39.8005, 0.3541, 0.3777

Deuteranopia

39.7797, 0.3626, 0.3556



Tritanopia

40.2495, 0.2816, 0.3105

Trichromacy



Original Color

40.1693, 0.3115, 0.3914

Protanomaly

39.7717, 0.3376, 0.3824

Deuteranomaly

39.4429, 0.3420, 0.3670

Tritanomaly

40.0639, 0.2919, 0.3377

Monochromacy



Original Color

40.1693, 0.3115, 0.3914

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

38.1839, 0.3126, 0.3510

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.1693, 0.3115, 0.3914 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(141, 180, 139)` looks like.

```
.text, #text, p{  
    color:rgb(141, 180, 139)  
}
```

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(141, 180, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 180, 139) }
```

Border

The CSS property to change the border of an element to Yxy 40.1693, 0.3115, 0.3914 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(141, 180, 139) }
```

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

```
.border{ border-color:rgb(141, 180, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 180, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(141, 180, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(141, 180, 139); box-shadow:4px 4px 4px 4px rgb(141, 180, 139) }
```


Background

The CSS property to change the background color of an element to Yxy 40.1693, 0.3115, 0.3914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 180, 139) }
```

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

```
.background{ background-color: rgb(141,  
180, 139) }
```

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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