

Converting Colors

$Yxy(35.2076, 0.3119, 0.4016)$

Have a look what the booklet for
Yxy(35.2076, 0.3119, 0.4016)
contains.

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Color

Yxy(35.2993, 0.3119, 0.4021)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 81AB7E |
| RGB | 129, 171, 126 |
| RGB Percent | 51%, 67%, 49% |
| CMY | 0.4941, 0.3294, 0.5059 |
| CMYK | 0.25, 0.00, 0.26, 0.33 |
| HSL | 116°, 21%, 58% |
| HSV | 116°, 26%, 67% |
| XYZ | 27.3809, 35.2993, 25.1072 |
| YIQ | 153.3120, -10.5870, -22.8990 |

Conversions

Conversions Part 2

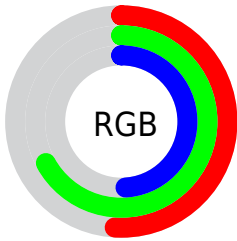
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 126, 171, 168 |
| Decimal | 8498046 |
| CIELab | 65.98, -23.14, 18.70 |
| CIELCh | 66, 29.757, 141.057 |
| Yxy | 35.2993, 0.3119, 0.4021 |
| Android (android.graphics.Color) | 4286688126 (0xFF81AB7E) |
| YUV | 153.3120, -13.4648, -21.3216 |
| Hunter-Lab | 59.4132, -21.7105, 16.5341 |

Details

The Yxy color **35.2993, 0.3119, 0.4021** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **26.1871, 0.3124, 0.2642**, and the grayscale version is **32.0614, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.2601, 0.3127, 0.3872**, and **15.3492, 0.3092, 0.4284** is the 20% darker color. If you saturate the color by 10%, you get **33.7426, 0.3112, 0.4351**, and if you desaturate by 10%, it is **37.1297, 0.3124, 0.3718**.

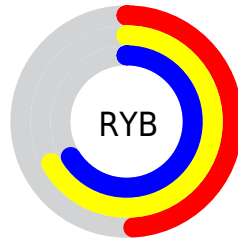
Distribution



Red (51%)

Green (67%)

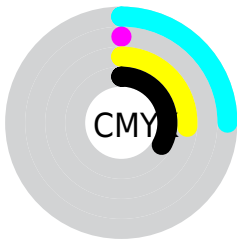
Blue (49%)



Red (49%)

Yellow (67%)

Blue (66%)

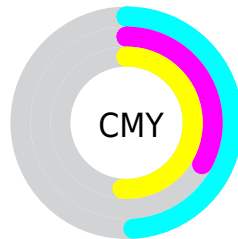


Cyan (25%)

Magenta (0%)

Yellow (26%)

Black (33%)



Cyan (49%)


Magenta (33%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.2993, 0.3119, 0.4021 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 35.2993, 0.3119, 0.4021 by changing the saturation by 10% instead.


 35.2993, 0.3119,
0.4021


 35.2993, 0.3119,
0.4021


325.8875, 0.3131,
0.3624

 23.8935, 0.3112,
0.4132


 67.9492, 0.3126,
0.3868

 15.2547, 0.3101,
0.4282


 89.9621, 0.3128,
0.3814

 8.9983, 0.3080,
0.4495


 116.2794, 0.3129,
0.3768

 4.7401, 0.3039,
0.4820

147.2857, 0.3130,
0.3730

 2.0956, 0.2972,
0.5426

183.3652, 0.3131,
0.3698

 0.6621, 0.0886,
0.9114

224.9024, 0.3131,

 0.0000, 0.0000,

0.3669


0.0000


272.2817, 0.3131,
0.3645


 35.2993, 0.3119,
0.4021


 35.2993, 0.3119,
0.4021


 33.7426, 0.3112,
0.4351


 37.1297, 0.3124,
0.3718


 32.4423, 0.3101,
0.4697


 39.2414, 0.3126,
0.3445

 31.3858, 0.3088,
0.5041

 41.6471, 0.3127,
0.3205

 30.5581, 0.3072,
0.5362

 44.3576, 0.3127,
0.2996

 29.9421, 0.3054,
0.5634

 47.3828, 0.3126,
0.2815

■ 29.5184, 0.3035,
0.5834

■ 50.7327, 0.3124,
0.2658

■ 29.2633, 0.3018,
0.5955

■ 54.4163, 0.3122,
0.2523

■ 29.2018, 0.3016,
0.5988

■ 57.6080, 0.3166,
0.2469

Harmonies

Analogous

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



35.2993, 0.3565, 0.4112



35.2993, 0.3119, 0.4021



35.2993, 0.2695, 0.3679

Triad

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



35.2993, 0.3119, 0.4021



35.2993, 0.2384, 0.2609



35.2993, 0.3907, 0.3276

Complementary

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



35.2993, 0.3119, 0.4021



26.1871, 0.3124, 0.2642

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.



35.2993, 0.3545, 0.2935



35.2993, 0.3119, 0.4021



35.2993, 0.2662, 0.2561

Square

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



35.2993, 0.3119, 0.4021



35.2993, 0.2291, 0.2838



35.2993, 0.3082, 0.2681



35.2993, 0.4040, 0.3641

Rectangle

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



35.2993, 0.3119, 0.4021



35.2993, 0.2479, 0.3379



35.2993, 0.3082, 0.2681



35.2993, 0.3807, 0.3156

Sweetspot

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



35.3008, 0.3119, 0.4021



69.5469, 0.3126, 0.3493



38.1720, 0.3526, 0.3894



15.3806, 0.3126, 0.3532



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



35.3008, 0.3119, 0.4021



61.4192, 0.3115, 0.4224



35.6231, 0.2940, 0.3699



8.9639, 0.3126, 0.3523



22.0212, 0.3018, 0.5986



0.6207, 0.3097, 0.5923

Inverse Universe

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



26.1871, 0.3124, 0.2642



42.1241, 0.3122, 0.2488



25.8300, 0.3372, 0.2915



8.1205, 0.3127, 0.3066



7.8298, 0.3045, 0.1451



0.2257, 0.3098, 0.1480

Previews

White Background



This preview shows how the Yxy color 35.2993, 0.3119, 0.4021 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 35.2993, 0.3119, 0.4021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

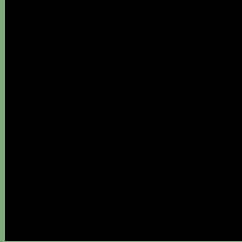
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.2993, 0.3119, 0.4021

Background



This preview shows how black text looks on a background with the Yxy color 35.2993, 0.3119, 0.4021.



This preview shows how white text looks on a background with the Yxy color 35.2993, 0.3119, 0.4021.

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

35.2993, 0.3119, 0.4021

Protanopia

35.1800, 0.3600, 0.3860

Deuteranopia

35.1620, 0.3694, 0.3624



Tritanopia

35.1285, 0.2792, 0.3094

Trichromacy



Original Color

35.2993, 0.3119, 0.4021

Protanomaly

35.0489, 0.3415, 0.3916

Deuteranomaly

34.7259, 0.3463, 0.3752

Tritanomaly

35.2570, 0.2916, 0.3429

Monochromacy



Original Color

35.2993, 0.3119, 0.4021

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

33.0541, 0.3124, 0.3557

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.2993, 0.3119, 0.4021 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(129, 171, 126)` looks like.

```
.text, #text, p{  
    color:rgb(129, 171, 126)  
}
```

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(129, 171, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 171, 126) }
```

Border

The CSS property to change the border of an element to Yxy 35.2993, 0.3119, 0.4021 is called "border". The border property can be set on classes, ids or directly on the HTML element.

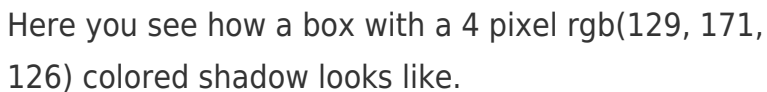
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(129, 171, 126) }
```

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

```
.border{ border-color:rgb(129, 171, 126) }
```

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



Here you see how a box with a 4 pixel `rgb(129, 171, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(129, 171, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(129, 171, 126); box-shadow:4px 4px 4px 4px rgb(129, 171, 126) }
```


Background

The CSS property to change the background color of an element to Yxy 35.2993, 0.3119, 0.4021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 171, 126) }
```

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

```
.background{ background-color: rgb(129,  
171, 126) }
```

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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