

Converting Colors

Yxy(61.8018, 0.3319, 0.4198)

Have a look what the booklet for
Yxy(61.8018, 0.3319, 0.4198)
contains.

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Color

Yxy(61.8018, 0.3319, 0.4198)

Conversions

Conversions Part 1

Format	Color
Hex	B3DA92
RGB	179, 218, 146
RGB Percent	70%, 85%, 57%
CMY	0.2978, 0.1451, 0.4274
CMYK	0.18, 0.00, 0.33, 0.15
HSL	92°, 49%, 71%
HSV	92°, 33%, 85%
XYZ	48.8614, 61.8018, 36.5540
YIQ	198.1310, -0.1320, -30.6600

Conversions

Conversions Part 2

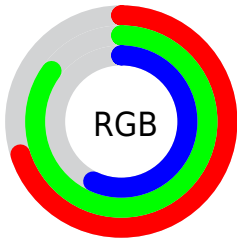
Format	Color
RYB	146, 218, 185
Decimal	11786898
CIELab	82.81, -25.36, 31.36
CIELCh	83, 40.326, 128.961
Yxy	61.8018, 0.3319, 0.4198
Android (android.graphics.Color)	4289976978 (0xFFB3DA92)
YUV	198.1310, -25.7006, -16.7779
Hunter-Lab	78.6141, -26.6308, 27.4612

Details

The Yxy color **61.8018, 0.3319, 0.4198** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **35.9323, 0.2865, 0.2398**, and the grayscale version is **56.7235, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.5230, 0.3328, 0.3853**, and **31.3806, 0.3344, 0.4442** is the 20% darker color. If you saturate the color by 10%, you get **59.8434, 0.3365, 0.4503**, and if you desaturate by 10%, it is **64.0151, 0.3265, 0.3902**.

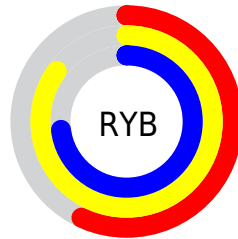
Distribution



Red (70%)

Green (85%)

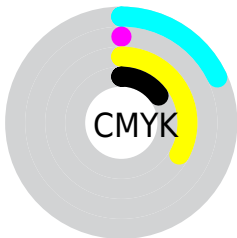
Blue (57%)



Red (57%)

Yellow (85%)

Blue (73%)

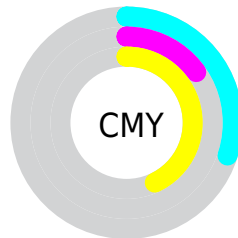


Cyan (18%)

Magenta (0%)

Yellow (33%)

Black (15%)



Cyan (30%)


Magenta (15%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.8018, 0.3319, 0.4198 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 61.8018, 0.3319, 0.4198 by changing the saturation by 10% instead.


 61.8018, 0.3319,
0.4198


 61.8018, 0.3319,
0.4198


431.2078, 0.3240,
0.3748

 44.8726, 0.3334,
0.4308


 107.4390, 0.3294,
0.4036

 31.3571, 0.3349,
0.4447


 136.9158, 0.3284,
0.3975

 20.8709, 0.3365,
0.4629


171.3439, 0.3274,
0.3923

 13.0297, 0.3377,
0.4874

211.1077, 0.3266,
0.3878

 7.4490, 0.3376,
0.5221

256.5916, 0.3258,
0.3839

 3.7444, 0.3357,
0.5783

308.1800, 0.3252,

 1.5317, 0.3224,

0.3805

0.6776

366.2572, 0.3245,
0.3775

■ 0.3109, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 61.8018, 0.3319,
0.4198

■ 61.8018, 0.3319,
0.4198

■ 59.8434, 0.3365,
0.4503

■ 64.0151, 0.3265,
0.3902

■ 58.1214, 0.3398,
0.4805


■ 66.4850, 0.3206,
0.3622

■ 56.6273, 0.3414,
0.5090

■ 69.2231, 0.3145,
0.3363


■ 55.3488, 0.3411,
0.5341


■ 72.2381, 0.3085,
0.3128

 54.2721, 0.3387,
0.5543

 75.5374, 0.3027,
0.2917

 53.3808, 0.3343,
0.5687

 77.6458, 0.3108,
0.2926

 52.8516, 0.3305,
0.5758

 78.6177, 0.3144,
0.2930

Harmonies

Analogous

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



61.8018, 0.3790, 0.4169



61.8018, 0.3319, 0.4198



61.8018, 0.2819, 0.3915

Triad

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



61.8018, 0.3319, 0.4198



61.8018, 0.2232, 0.2605



61.8018, 0.3865, 0.3110

Complementary

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



61.8018, 0.3319, 0.4198



35.9323, 0.2865, 0.2398

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.



61.8018, 0.3389, 0.2765



61.8018, 0.3319, 0.4198



61.8018, 0.2459, 0.2476

Square

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



61.8018, 0.3319, 0.4198



61.8018, 0.2218, 0.2935



61.8018, 0.2871, 0.2539



61.8018, 0.4131, 0.3512

Rectangle

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



61.8018, 0.3319, 0.4198



61.8018, 0.2537, 0.3597



61.8018, 0.2871, 0.2539



61.8018, 0.3722, 0.2985

Sweetspot

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



61.8045, 0.3319, 0.4198



95.9424, 0.3188, 0.3544



51.4284, 0.3742, 0.3749



20.4204, 0.3197, 0.3581



0.0000, 0.0000, 0.0000



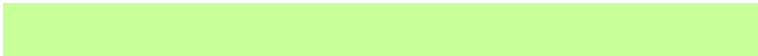
21.4041, 0.3127, 0.3290

Same Dimension

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



61.8045, 0.3319, 0.4198



86.0758, 0.3354, 0.4422



58.4016, 0.3067, 0.4234



14.8976, 0.3184, 0.3527



31.7293, 0.3315, 0.5750



2.1064, 0.3443, 0.5648

Inverse Universe

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



35.9323, 0.2865, 0.2398



43.4371, 0.2789, 0.2183



40.4038, 0.3187, 0.2499



12.9623, 0.3065, 0.3054



5.4013, 0.2110, 0.0936



0.4009, 0.2280, 0.1030

Previews

White Background



This preview shows how the Yxy color 61.8018, 0.3319, 0.4198 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 61.8018, 0.3319, 0.4198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

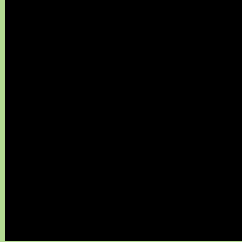
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.8018, 0.3319, 0.4198

Background



This preview shows how black text looks on a background with the Yxy color 61.8018, 0.3319, 0.4198.



This preview shows how white text looks on a background with the Yxy color 61.8018, 0.3319, 0.4198.

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

61.8018, 0.3319, 0.4198

Protanopia

61.5953, 0.3733, 0.4034

Deuteranopia

61.2216, 0.3870, 0.3790



Tritanopia

61.6244, 0.2891, 0.3091

Trichromacy



Original Color

61.8018, 0.3319, 0.4198



Protanomaly

61.1982, 0.3573, 0.4090



Deuteranomaly

61.0482, 0.3662, 0.3937



Tritanomaly

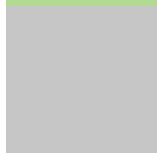
61.6373, 0.3052, 0.3484

Monochromacy



Original Color

61.8018, 0.3319, 0.4198



Achromatopsia

56.4712, 0.3127, 0.3290



Achromatomaly

57.9937, 0.3204, 0.3612

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.8018, 0.3319, 0.4198 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(179, 218, 146)` looks like.

```
.text, #text, p{  
    color:rgb(179, 218, 146)  
}
```

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(179, 218, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 218, 146) }
```

Border

The CSS property to change the border of an element to Yxy 61.8018, 0.3319, 0.4198 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(179, 218, 146) }
```

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

```
.border{ border-color:rgb(179, 218, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 218, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 218, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 218, 146);  
box-shadow:4px 4px 4px 4px rgb(179, 218,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 61.8018, 0.3319, 0.4198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 218, 146) }
```

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

```
.background{ background-color: rgb(179,  
218, 146) }
```

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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