

Converting Colors

Yxy(59.0136, 0.3220, 0.4292)

Have a look what the booklet for
Yxy(59.0136, 0.3220, 0.4292)
contains.

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Color

Yxy(59.1259, 0.3218, 0.4293)

Conversions

Conversions Part 1

Format	Color
Hex	A1D98D
RGB	161, 217, 141
RGB Percent	63%, 85%, 55%
CMY	0.3686, 0.1490, 0.4470
CMYK	0.26, 0.00, 0.35, 0.15
HSL	104°, 50%, 70%
HSV	104°, 35%, 85%
XYZ	44.3203, 59.1259, 34.2801
YIQ	191.5920, -8.9800, -35.5080

Conversions

Conversions Part 2

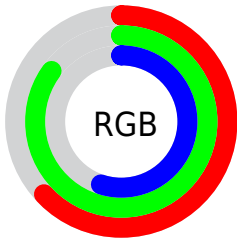
Format	Color
RYB	141, 217, 197
Decimal	10606989
CIELab	81.36, -31.93, 31.81
CIELCh	81, 45.070, 135.114
Yxy	59.1259, 0.3218, 0.4293
Android (android.graphics.Color)	4288797069 (0xFFA1D98D)
YUV	191.5920, -24.9419, -26.8292
Hunter-Lab	76.8934, -31.6783, 27.3931

Details

The Yxy color **59.1259, 0.3218, 0.4293** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **35.9349, 0.2981, 0.2376**, and the grayscale version is **52.6167, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2118, 0.3233, 0.3930**, and **29.7046, 0.3212, 0.4581** is the 20% darker color. If you saturate the color by 10%, you get **56.9879, 0.3232, 0.4623**, and if you desaturate by 10%, it is **61.6081, 0.3197, 0.3976**.

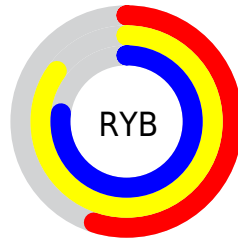
Distribution



Red (63%)

Green (85%)

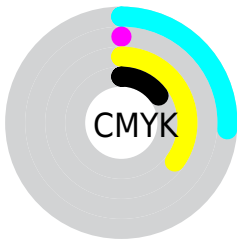
Blue (55%)



Red (55%)

Yellow (85%)

Blue (77%)

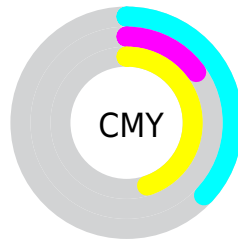


Cyan (26%)

Magenta (0%)

Yellow (35%)

Black (15%)



Cyan (37%)


Magenta (15%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.1259, 0.3218, 0.4293 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 59.1259, 0.3218, 0.4293 by changing the saturation by 10% instead.

 59.1259, 0.3218,
0.4293


 59.1259, 0.3218,
0.4293


421.3683, 0.3190,
0.3788

 42.7145, 0.3219,
0.4419


 103.5606, 0.3212,
0.4109

 29.6612, 0.3218,
0.4580


 132.3527, 0.3208,
0.4040

 19.5815, 0.3211,
0.4792


 166.0405, 0.3205,
0.3982

 12.0912, 0.3190,
0.5082

205.0083, 0.3202,
0.3932

 6.8058, 0.3138,
0.5500

249.6406, 0.3198,
0.3889

 3.3410, 0.3071,
0.6270

300.3218, 0.3195,

 1.3122, 0.2407,

0.3851

0.7593

357.4362, 0.3193,
0.3818

■ 0.1506, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 59.1259, 0.3218,
0.4293

■ 59.1259, 0.3218,
0.4293

■ 56.9879, 0.3232,
0.4623

■ 61.6081, 0.3197,
0.3976

■ 55.1709, 0.3236,
0.4951


■ 64.4411, 0.3171,
0.3682


■ 53.6608, 0.3227,
0.5259

■ 67.6411, 0.3142,
0.3414


■ 52.4394, 0.3206,
0.5526


■ 71.2208, 0.3112,
0.3174

 51.4860, 0.3171,
0.5733

 75.1924, 0.3082,
0.2962

 50.7769, 0.3127,
0.5869

 78.1070, 0.3145,
0.2920

 50.4998, 0.3105,
0.5916

Harmonies

Analogous

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



59.1259, 0.3770, 0.4319



59.1259, 0.3218, 0.4293



59.1259, 0.2670, 0.3902

Triad

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



59.1259, 0.3218, 0.4293



59.1259, 0.2158, 0.2470



59.1259, 0.4052, 0.3171

Complementary

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



59.1259, 0.3218, 0.4293



35.9349, 0.2981, 0.2376

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.



59.1259, 0.3542, 0.2771



59.1259, 0.3218, 0.4293



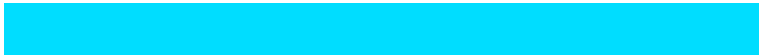
59.1259, 0.2455, 0.2377

Square

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



59.1259, 0.3218, 0.4293



59.1259, 0.2092, 0.2788



59.1259, 0.2949, 0.2490



59.1259, 0.4285, 0.3621

Rectangle

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



59.1259, 0.3218, 0.4293



59.1259, 0.2379, 0.3514



59.1259, 0.2949, 0.2490



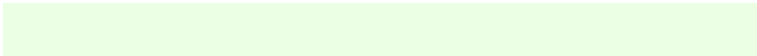
59.1259, 0.3905, 0.3029

Sweetspot

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



59.1284, 0.3218, 0.4293



94.6118, 0.3160, 0.3573



56.4895, 0.3726, 0.3947



20.1186, 0.3164, 0.3611



0.0000, 0.0000, 0.0000



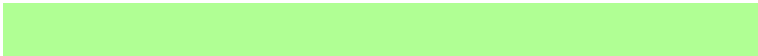
21.4041, 0.3127, 0.3290

Same Dimension

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



59.1284, 0.3218, 0.4293



82.8945, 0.3229, 0.4535



57.7852, 0.2972, 0.4085



14.7711, 0.3155, 0.3529



30.6130, 0.3114, 0.5910



2.0249, 0.3233, 0.5815

Inverse Universe

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



35.9349, 0.2981, 0.2376



44.6699, 0.2939, 0.2179



37.9419, 0.3335, 0.2610



13.0935, 0.3096, 0.3057



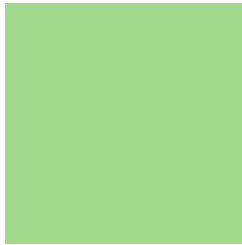
7.6043, 0.2555, 0.1181



0.5335, 0.2666, 0.1242

Previews

White Background



This preview shows how the Yxy color 59.1259, 0.3218, 0.4293 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 59.1259, 0.3218, 0.4293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

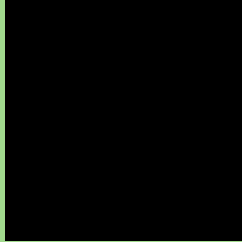
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.1259, 0.3218, 0.4293

Background



This preview shows how black text looks on a background with the Yxy color 59.1259, 0.3218, 0.4293.



This preview shows how white text looks on a background with the Yxy color 59.1259, 0.3218, 0.4293.

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

59.1259, 0.3218, 0.4293

Protanopia

58.4280, 0.3763, 0.4059

Deuteranopia

58.5660, 0.3893, 0.3809



Tritanopia

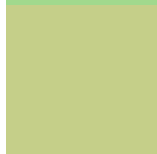
59.0673, 0.2794, 0.3096

Trichromacy



Original Color

59.1259, 0.3218, 0.4293



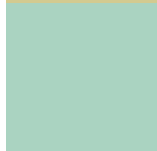
Protanomaly

58.3021, 0.3550, 0.4151



Deuteranomaly

58.1036, 0.3633, 0.3982



Tritanomaly

58.9848, 0.2951, 0.3517

Monochromacy



Original Color

59.1259, 0.3218, 0.4293



Achromatopsia

52.7115, 0.3127, 0.3290



Achromatomaly

54.6142, 0.3173, 0.3649

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.1259, 0.3218, 0.4293 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(161, 217, 141)` looks like.

```
.text, #text, p{  
    color:rgb(161, 217, 141)  
}
```

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(161, 217, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 217, 141) }
```

Border

The CSS property to change the border of an element to Yxy 59.1259, 0.3218, 0.4293 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(161, 217, 141) }
```

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

```
.border{ border-color:rgb(161, 217, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 217, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 217, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 217, 141);  
box-shadow:4px 4px 4px 4px rgb(161, 217,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 59.1259, 0.3218, 0.4293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 217, 141) }
```

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

```
.background{ background-color: rgb(161,  
217, 141) }
```

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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