

Converting Colors

$Yxy(59.4193, 0.3236, 0.3996)$

Have a look what the booklet for
Yxy(59.4193, 0.3236, 0.3996)
contains.

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Color

Yxy(59.4042, 0.3233, 0.3993)

Conversions

Conversions Part 1

Format	Color
Hex	B1D59E
RGB	177, 213, 158
RGB Percent	69%, 84%, 62%
CMY	0.3058, 0.1647, 0.3805
CMYK	0.17, 0.00, 0.26, 0.16
HSL	99°, 40%, 73%
HSV	99°, 26%, 84%
XYZ	48.0976, 59.4042, 41.2690
YIQ	195.9660, -3.8010, -24.7370

Conversions

Conversions Part 2

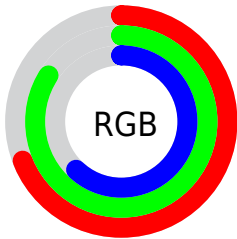
Format	Color
RYB	158, 213, 194
Decimal	11654558
CIELab	81.51, -21.87, 23.39
CIELCh	82, 32.023, 133.084
Yxy	59.4042, 0.3233, 0.3993
Android (android.graphics.Color)	4289844638 (0xFFB1D59E)
YUV	195.9660, -18.7172, -16.6332
Hunter-Lab	77.0741, -23.4879, 22.2053

Details

The Yxy color **59.4042, 0.3233, 0.3993** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **40.7168, 0.2988, 0.2618**, and the grayscale version is **55.2980, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6477, 0.3232, 0.3720**, and **29.7794, 0.3255, 0.4189** is the 20% darker color. If you saturate the color by 10%, you get **57.1822, 0.3267, 0.4303**, and if you desaturate by 10%, it is **61.9256, 0.3194, 0.3702**.

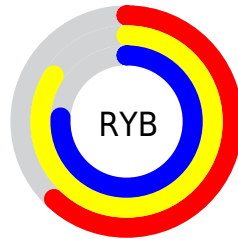
Distribution



Red (69%)

Green (84%)

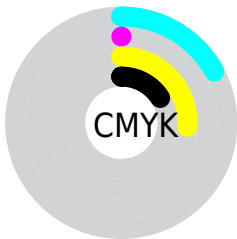
Blue (62%)



Red (62%)

Yellow (84%)

Blue (76%)

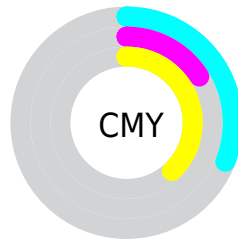


Cyan (17%)

Magenta (0%)

Yellow (26%)

Black (16%)



Cyan (31%)


Magenta (16%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.4042, 0.3233, 0.3993 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 59.4042, 0.3233, 0.3993 by changing the saturation by 10% instead.


 59.4042, 0.3233,
0.3993


 59.4042, 0.3233,
0.3993


422.3982, 0.3189,
0.3644

 42.9386, 0.3241,
0.4079


 103.9649, 0.3219,
0.3867

 29.8369, 0.3250,
0.4189


 132.8288, 0.3214,
0.3819

 19.7148, 0.3258,
0.4334


166.5942, 0.3208,
0.3779

 12.1879, 0.3265,
0.4533

205.6455, 0.3204,
0.3744

 6.8718, 0.3265,
0.4821

250.3672, 0.3200,
0.3714

 3.3821, 0.3238,
0.5269

301.1436, 0.3196,

 1.3343, 0.3368,

0.3688

0.6632

358.3591, 0.3193,
0.3664

0.1675, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

59.4042, 0.3233,
0.3993

59.4042, 0.3233,
0.3993

57.1822, 0.3267,
0.4303

61.9256, 0.3194,
0.3702

55.2402, 0.3292,
0.4623


64.7494, 0.3152,
0.3434


53.5685, 0.3305,
0.4938


67.8886, 0.3109,
0.3192

52.1537, 0.3303,
0.5233


71.3529, 0.3067,
0.2977


 50.9810, 0.3284,
0.5487

 74.5257, 0.3088,
0.2873

 50.0338, 0.3248,
0.5685

 76.0703, 0.3146,
0.2881

 49.2928, 0.3199,
0.5817

 49.0333, 0.3178,
0.5859

Harmonies

Analogous

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



59.4042, 0.3622, 0.4015



59.4042, 0.3233, 0.3993



59.4042, 0.2831, 0.3738

Triad

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



59.4042, 0.3233, 0.3993



59.4042, 0.2410, 0.2712



59.4042, 0.3762, 0.3193

Complementary

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



59.4042, 0.3233, 0.3993



40.7168, 0.2988, 0.2618

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.



59.4042, 0.3399, 0.2895



59.4042, 0.3233, 0.3993



59.4042, 0.2623, 0.2621

Square

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



59.4042, 0.3233, 0.3993



59.4042, 0.2374, 0.2966



59.4042, 0.2978, 0.2691



59.4042, 0.3944, 0.3528

Rectangle

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



59.4042, 0.3233, 0.3993



59.4042, 0.2610, 0.3482



59.4042, 0.2978, 0.2691



59.4042, 0.3655, 0.3086

Sweetspot

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



59.4068, 0.3233, 0.3993



96.3115, 0.3162, 0.3492



55.0849, 0.3568, 0.3719



20.4735, 0.3168, 0.3532



0.0000, 0.0000, 0.0000



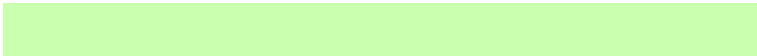
21.4041, 0.3127, 0.3290

Same Dimension

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



59.4068, 0.3233, 0.3993



87.3902, 0.3252, 0.4161



57.6192, 0.3040, 0.3910



14.1027, 0.3167, 0.3527



30.0019, 0.3187, 0.5851



1.8548, 0.3324, 0.5743

Inverse Universe

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



40.7168, 0.2988, 0.2618



54.6891, 0.2950, 0.2465



42.9893, 0.3229, 0.2740



12.4077, 0.3083, 0.3056



6.3633, 0.2359, 0.1073



0.4289, 0.2508, 0.1155

Previews

White Background



This preview shows how the Yxy color 59.4042, 0.3233, 0.3993 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 59.4042, 0.3233, 0.3993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

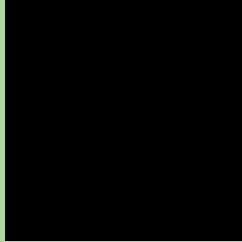
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.4042, 0.3233, 0.3993

Background



This preview shows how black text looks on a background with the Yxy color 59.4042, 0.3233, 0.3993.



This preview shows how white text looks on a background with the Yxy color 59.4042, 0.3233, 0.3993.

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

59.4042, 0.3233, 0.3993

Protanopia

59.1399, 0.3608, 0.3866

Deuteranopia

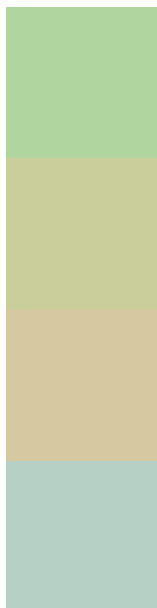
58.8544, 0.3724, 0.3649



Tritanopia

59.4479, 0.2887, 0.3100

Trichromacy



Original Color

59.4042, 0.3233, 0.3993

Protanomaly

59.0657, 0.3465, 0.3910

Deuteranomaly

58.6426, 0.3533, 0.3763

Tritanomaly

59.2562, 0.3011, 0.3413

Monochromacy



Original Color

59.4042, 0.3233, 0.3993

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

56.4373, 0.3170, 0.3539

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.4042, 0.3233, 0.3993 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(177, 213, 158)` looks like.

```
.text, #text, p{  
    color:rgb(177, 213, 158)  
}
```

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(177, 213, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 213, 158) }
```

Border

The CSS property to change the border of an element to Yxy 59.4042, 0.3233, 0.3993 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(177, 213, 158) }
```

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

```
.border{ border-color:rgb(177, 213, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 213, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 213, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 213, 158);  
box-shadow:4px 4px 4px 4px rgb(177, 213,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 59.4042, 0.3233, 0.3993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 213, 158) }
```

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

```
.background{ background-color: rgb(177,  
213, 158) }
```

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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