

Converting Colors

Yxy(59.4081, 0.3365, 0.4190)

Have a look what the booklet for
Yxy(59.4081, 0.3365, 0.4190)
contains.

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Color

Yxy(59.3653, 0.3370, 0.4192)

Conversions

Conversions Part 1

Format	Color
Hex	B5D58E
RGB	181, 213, 142
RGB Percent	71%, 84%, 56%
CMY	0.2904, 0.1646, 0.4432
CMYK	0.15, 0.00, 0.33, 0.16
HSL	87°, 46%, 70%
HSV	87°, 33%, 84%
XYZ	47.7245, 59.3653, 34.5259
YIQ	195.3380, 3.7190, -28.8650

Conversions

Conversions Part 2

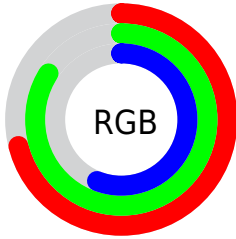
Format	Color
RYB	142, 213, 174
Decimal	11916686
CIELab	81.49, -22.82, 31.71
CIElCh	81, 39.062, 125.737
Yxy	59.3653, 0.3370, 0.4192
Android (android.graphics.Color)	4290106766 (0xFFB5D58E)
YUV	195.3380, -26.2956, -12.5744
Hunter-Lab	77.0489, -24.2717, 27.3661

Details

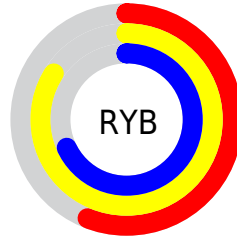
The Yxy color **59.3653, 0.3370, 0.4192** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **33.1479, 0.2804, 0.2375**, and the grayscale version is **54.9399, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6827, 0.3364, 0.3892**, and **29.7211, 0.3412, 0.4435** is the 20% darker color. If you saturate the color by 10%, you get **57.6662, 0.3430, 0.4486**, and if you desaturate by 10%, it is **61.2721, 0.3301, 0.3904**.

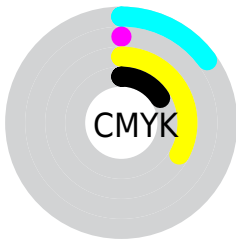
Distribution



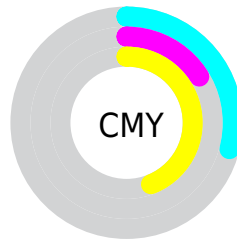
- Red (71%)
- Green (84%)
- Blue (56%)



- Red (56%)
- Yellow (84%)
- Blue (68%)



- Cyan (15%)
- Magenta (0%)
- Yellow (33%)
- Black (16%)





- Cyan (29%)
- Magenta (16%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.3653, 0.3370, 0.4192 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 59.3653, 0.3370, 0.4192 by changing the saturation by 10% instead.

 59.3653, 0.3370,
0.4192

 59.3653, 0.3370,
0.4192

422.2543, 0.3265,
0.3744

 42.9073, 0.3391,
0.4302

 103.9084, 0.3336,
0.4030

 29.8124, 0.3414,
0.4441


 132.7622, 0.3322,
0.3969

 19.6962, 0.3439,
0.4623


166.5168, 0.3310,
0.3918

 12.1744, 0.3463,
0.4869

205.5565, 0.3299,
0.3873

 6.8626, 0.3478,
0.5216

250.2657, 0.3289,
0.3834

 3.3763, 0.3515,
0.5838

301.0288, 0.3280,

 1.3312, 0.3289,

0.3800

0.6711

358.2302, 0.3273,
0.3770

■ 0.1652, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 59.3653, 0.3370,
0.4192

■ 59.3653, 0.3370,
0.4192

■ 57.6662, 0.3430,
0.4486

■ 61.2721, 0.3301,
0.3904

■ 56.1583, 0.3478,
0.4773


■ 63.3867, 0.3227,
0.3628

■ 54.8349, 0.3507,
0.5041

■ 65.7192, 0.3152,
0.3371


■ 53.6857, 0.3515,
0.5275

■ 68.2768, 0.3078,
0.3135


 52.6989, 0.3500,
0.5462

 71.0661, 0.3006,
0.2921

 51.8607, 0.3462,
0.5595

 73.1040, 0.3031,
0.2866

 51.3708, 0.3429,
0.5660

 74.8185, 0.3099,
0.2875

 76.0766, 0.3146,
0.2881

Harmonies

Analogous

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



59.3653, 0.3821, 0.4134



59.3653, 0.3370, 0.4192



59.3653, 0.2875, 0.3946

Triad

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



59.3653, 0.3370, 0.4192



59.3653, 0.2235, 0.2643



59.3653, 0.3809, 0.3073

Complementary

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



59.3653, 0.3370, 0.4192



33.1479, 0.2804, 0.2375

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.



59.3653, 0.3329, 0.2744



59.3653, 0.3370, 0.4192



59.3653, 0.2437, 0.2494

Square

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



59.3653, 0.3370, 0.4192



59.3653, 0.2245, 0.2988



59.3653, 0.2825, 0.2537



59.3653, 0.4098, 0.3466

Rectangle

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



59.3653, 0.3370, 0.4192



59.3653, 0.2588, 0.3645



59.3653, 0.2825, 0.2537



59.3653, 0.3662, 0.2953

Sweetspot

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



59.3679, 0.3370, 0.4192



96.3476, 0.3203, 0.3543



46.3523, 0.3771, 0.3684



20.5183, 0.3214, 0.3580



0.0000, 0.0000, 0.0000



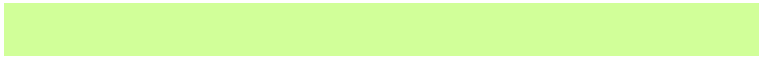
21.4041, 0.3127, 0.3290

Same Dimension

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



59.3679, 0.3370, 0.4192



87.3710, 0.3414, 0.4399



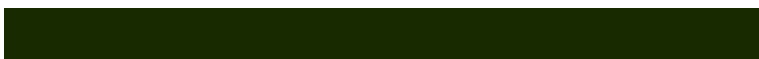
55.6172, 0.3105, 0.4270



14.2284, 0.3198, 0.3525



31.4357, 0.3439, 0.5652



1.9449, 0.3564, 0.5552

Inverse Universe

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



33.1479, 0.2804, 0.2375



42.1486, 0.2717, 0.2160



37.7682, 0.3132, 0.2459



12.2803, 0.3051, 0.3054



4.5164, 0.1938, 0.0841



0.3212, 0.2132, 0.0948

Previews

White Background



This preview shows how the Yxy color 59.3653, 0.3370, 0.4192 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 59.3653, 0.3370, 0.4192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

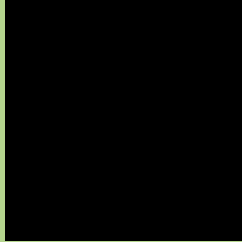
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.3653, 0.3370, 0.4192

Background



This preview shows how black text looks on a background with the Yxy color 59.3653, 0.3370, 0.4192.



This preview shows how white text looks on a background with the Yxy color 59.3653, 0.3370, 0.4192.

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

59.3653, 0.3370, 0.4192

Protanopia

59.1073, 0.3753, 0.4045

Deuteranopia

59.1842, 0.3897, 0.3818



Tritanopia

59.0328, 0.2935, 0.3101

Trichromacy



Original Color

59.3653, 0.3370, 0.4192

Protanomaly

58.9858, 0.3606, 0.4097

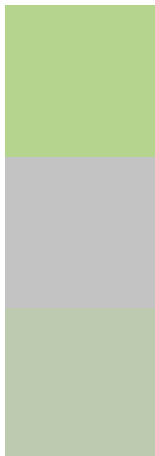
Deuteranomaly

58.8777, 0.3697, 0.3943

Tritanomaly

59.0786, 0.3095, 0.3486

Monochromacy



Original Color

59.3653, 0.3370, 0.4192

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

56.3228, 0.3221, 0.3615

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.3653, 0.3370, 0.4192 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(181, 213, 142)` looks like.

```
.text, #text, p{  
    color:rgb(181, 213, 142)  
}
```

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(181, 213, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 213, 142) }
```

Border

The CSS property to change the border of an element to Yxy 59.3653, 0.3370, 0.4192 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(181, 213, 142) }
```

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

```
.border{ border-color:rgb(181, 213, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 213, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 213, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 213, 142);  
box-shadow:4px 4px 4px 4px rgb(181, 213,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 59.3653, 0.3370, 0.4192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 213, 142) }
```

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

```
.background{ background-color: rgb(181,  
213, 142) }
```

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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