

Converting Colors

Yxy(51.8795, 0.3412, 0.3949)

Have a look what the booklet for
Yxy(51.8795, 0.3412, 0.3949)
contains.

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Color

Yxy(51.8695, 0.3413, 0.3940)

Conversions

Conversions Part 1

Format	Color
Hex	B9C492
RGB	185, 196, 146
RGB Percent	73%, 77%, 57%
CMY	0.2746, 0.2313, 0.4274
CMYK	0.06, 0.00, 0.26, 0.23
HSL	73°, 30%, 67%
HSV	73°, 26%, 77%
XYZ	44.9316, 51.8695, 34.8474
YIQ	187.0110, 9.4940, -17.8820

Conversions

Conversions Part 2

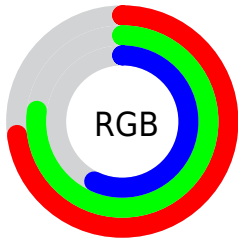
Format	Color
RYB	146, 196, 157
Decimal	12174482
CIELab	77.20, -12.24, 23.89
CIELCh	77, 26.841, 117.120
Yxy	51.8695, 0.3413, 0.3940
Android (android.graphics.Color)	4290364562 (0xFFB9C492)
YUV	187.0110, -20.2184, -1.7636
Hunter-Lab	72.0205, -14.6745, 21.7267

Details

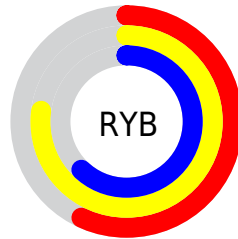
The Yxy color **51.8695, 0.3413, 0.3940** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **31.7266, 0.2790, 0.2591**, and the grayscale version is **49.8123, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1215, 0.3364, 0.3828**, and **24.9975, 0.3480, 0.4123** is the 20% darker color. If you saturate the color by 10%, you get **50.7827, 0.3521, 0.4206**, and if you desaturate by 10%, it is **53.0819, 0.3301, 0.3677**.

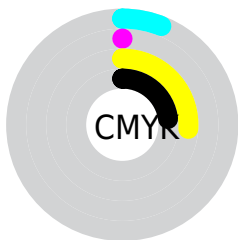
Distribution



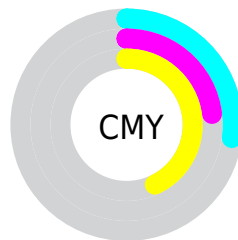
- Red (73%)
- Green (77%)
- Blue (57%)



- Red (57%)
- Yellow (77%)
- Blue (62%)



- Cyan (6%)
- Magenta (0%)
- Yellow (26%)
- Black (23%)





- Cyan (27%)
- Magenta (23%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.8695, 0.3413, 0.3940 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 51.8695, 0.3413, 0.3940 by changing the saturation by 10% instead.


 51.8695, 0.3413,
0.3940


 51.8695, 0.3413,
0.3940

393.9326, 0.3278,
0.3614

 36.9011, 0.3444,
0.4021


 92.9388, 0.3366,
0.3822

 25.1309, 0.3482,
0.4125


 119.8084, 0.3348,
0.3777

 16.1746, 0.3529,
0.4262


151.4138, 0.3332,
0.3740

 9.6478, 0.3589,
0.4451

188.1395, 0.3318,
0.3707

 5.1661, 0.3663,
0.4725

230.3698, 0.3306,
0.3679

 2.3450, 0.3828,
0.5266

278.4892, 0.3296,

 0.7974, 0.3654,

0.3655

0.6346

332.8820, 0.3286,
0.3633

0.0000, 0.0000,
0.0000

51.8695, 0.3413,
0.3940

51.8695, 0.3413,
0.3940

50.7827, 0.3521,
0.4206

53.0819, 0.3301,
0.3677

49.8092, 0.3619,
0.4466

54.4181, 0.3188,
0.3424

48.9452, 0.3703,
0.4710

55.8851, 0.3078,
0.3184

48.1842, 0.3768,
0.4927

57.4875, 0.2973,
0.2962

47.5189, 0.3809,
0.5106

59.2296, 0.2874,
0.2758

■ 46.9407, 0.3824,
0.5240

■ 60.5469, 0.2834,
0.2655

■ 46.4392, 0.3815,
0.5329

■ 61.1950, 0.2865,
0.2660

■ 46.2292, 0.3806,
0.5360

■ 61.8604, 0.2895,
0.2666

■ 62.5433, 0.2926,
0.2671

Harmonies

Analogous

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



51.8695, 0.3707, 0.3861



51.8695, 0.3413, 0.3940



51.8695, 0.3053, 0.3820

Triad

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



51.8695, 0.3413, 0.3940



51.8695, 0.2455, 0.2886



51.8695, 0.3528, 0.3058

Complementary

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



51.8695, 0.3413, 0.3940



31.7266, 0.2790, 0.2591

Split Complementary

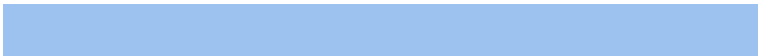
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



51.8695, 0.3170, 0.2831



51.8695, 0.3413, 0.3940



51.8695, 0.2563, 0.2724

Square

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



51.8695, 0.3413, 0.3940



51.8695, 0.2512, 0.3177



51.8695, 0.2818, 0.2710



51.8695, 0.3782, 0.3346

Rectangle

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



51.8695, 0.3413, 0.3940



51.8695, 0.2826, 0.3639



51.8695, 0.2818, 0.2710



51.8695, 0.3415, 0.2973

Sweetspot

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



51.8718, 0.3413, 0.3940



97.9103, 0.3218, 0.3489



37.8786, 0.3626, 0.3435



20.8764, 0.3235, 0.3527



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.



51.8718, 0.3413, 0.3940



92.7495, 0.3478, 0.4099



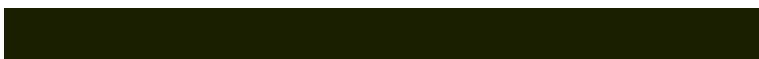
49.0544, 0.3206, 0.3984



11.6425, 0.3231, 0.3520



29.7395, 0.3811, 0.5356



1.3134, 0.3901, 0.5284

Inverse Universe

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



31.7266, 0.2790, 0.2591



49.6430, 0.2695, 0.2403



34.4783, 0.3020, 0.2636



9.8529, 0.3017, 0.3054



2.9269, 0.1624, 0.0668



0.1579, 0.1853, 0.0795

Previews

White Background



This preview shows how the Yxy color 51.8695, 0.3413, 0.3940 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 51.8695, 0.3413, 0.3940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

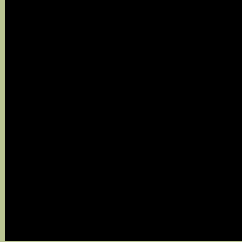
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

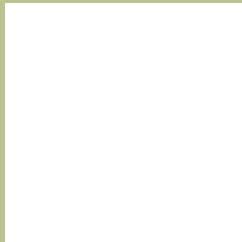
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.8695, 0.3413, 0.3940

Background



This preview shows how black text looks on a background with the Yxy color 51.8695, 0.3413, 0.3940.



This preview shows how white text looks on a background with the Yxy color 51.8695, 0.3413, 0.3940.

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

51.8695, 0.3413, 0.3940

Protanopia

51.6475, 0.3621, 0.3874

Deuteranopia

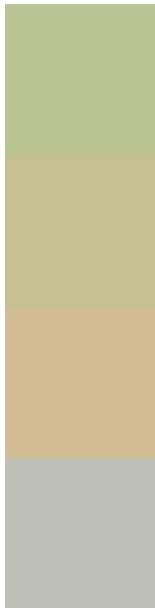
51.7249, 0.3767, 0.3691



Tritanopia

51.6157, 0.3055, 0.3106

Trichromacy



Original Color

51.8695, 0.3413, 0.3940

Protanomaly

51.5832, 0.3544, 0.3897

Deuteranomaly

51.6599, 0.3631, 0.3780

Tritanomaly

51.5862, 0.3187, 0.3404

Monochromacy



Original Color

51.8695, 0.3413, 0.3940

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.2446, 0.3232, 0.3522

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.8695, 0.3413, 0.3940 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(185, 196, 146)` looks like.

```
.text, #text, p{  
    color:rgb(185, 196, 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(185, 196, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 196, 146) }
```

Border

The CSS property to change the border of an element to Yxy 51.8695, 0.3413, 0.3940 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(185, 196, 146) }
```

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

```
.border{ border-color:rgb(185, 196, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 196, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 196, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 196, 146);  
box-shadow:4px 4px 4px 4px rgb(185, 196,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 51.8695, 0.3413, 0.3940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 196, 146) }
```

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

```
.background{ background-color: rgb(185,  
196, 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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