

Converting Colors

Yxy(51.4819, 0.3142, 0.3373)

Have a look what the booklet for
Yxy(51.4819, 0.3142, 0.3373)
contains.

Yxy(51.3292, 0.3140, 0.3366)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(51.3292, 0.3140, 0.3366)

Conversions

Conversions Part 1

Format	Color
Hex	BBBFB9
RGB	187, 191, 185
RGB Percent	73%, 75%, 73%
CMY	0.2666, 0.2510, 0.2745
CMYK	0.02, 0.00, 0.03, 0.25
HSL	100°, 4%, 74%
HSV	100°, 3%, 75%
XYZ	47.8829, 51.3292, 53.2811
YIQ	189.1200, -0.4580, -2.7140

Conversions

Conversions Part 2

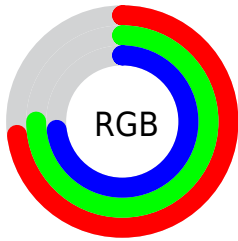
Format	Color
RYB	185, 191, 189
Decimal	12304313
CIELab	76.88, -2.49, 2.53
CIElCh	77, 3.549, 134.519
Yxy	51.3292, 0.3140, 0.3366
Android (android.graphics.Color)	4290494393 (0xFFBBBFB9)
YUV	189.1200, -2.0312, -1.8592
Hunter-Lab	71.6444, -6.0789, 6.0578

Details

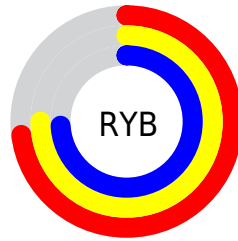
The Yxy color **51.3292, 0.3140, 0.3366** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.2764, 0.3114, 0.3214**, and the grayscale version is **50.9750, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9271, 0.3137, 0.3349**, and **24.9112, 0.3144, 0.3393** is the 20% darker color. If you saturate the color by 10%, you get **49.0468, 0.3180, 0.3625**, and if you desaturate by 10%, it is **53.8660, 0.3099, 0.3133**.

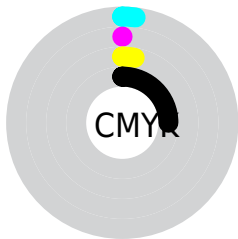
Distribution



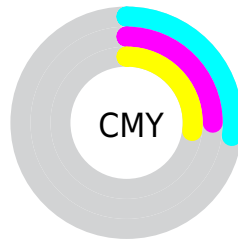
- Red (73%)
- Green (75%)
- Blue (73%)



- Red (73%)
- Yellow (75%)
- Blue (74%)



- Cyan (2%)
- Magenta (0%)
- Yellow (3%)
- Black (25%)



- Cyan (27%)
- Magenta (25%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.3292, 0.3140, 0.3366 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 51.3292, 0.3140, 0.3366 by changing the saturation by 10% instead.

■ 51.3292, 0.3140,
0.3366

■ 51.3292, 0.3140,
0.3366

391.8414, 0.3134,
0.3329

■ 36.4707, 0.3141,
0.3375

■ 92.1412, 0.3138,
0.3352

■ 24.7979, 0.3143,
0.3387

118.8635, 0.3137,
0.3347

■ 15.9266, 0.3146,
0.3403

150.3091, 0.3136,
0.3343

■ 9.4722, 0.3149,
0.3424

186.8625, 0.3136,
0.3339

■ 5.0504, 0.3154,
0.3456

228.9080, 0.3135,
0.3336

■ 2.2769, 0.3162,
0.3508

276.8301, 0.3135,

■ 0.7614, 0.3193,

0.3333

0.3667

331.0131, 0.3134,
0.3331

0.0000, 0.0000,
0.0000

51.3292, 0.3140,
0.3366

51.3292, 0.3140,
0.3366

49.0468, 0.3180,
0.3625

53.8660, 0.3099,
0.3133

47.0042, 0.3218,
0.3908

56.6581, 0.3059,
0.2926

45.1953, 0.3252,
0.4213

59.7150, 0.3020,
0.2742

43.6111, 0.3278,
0.4530

62.6245, 0.3027,
0.2638

42.2422, 0.3293,
0.4847

64.8977, 0.3123,
0.2657

■ 41.0784, 0.3295,
0.5150

■ 65.7425, 0.3157,
0.2663

■ 40.1084, 0.3281,
0.5418

■ 39.3198, 0.3251,
0.5635

■ 38.6983, 0.3206,
0.5788

Harmonies

Analogous

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



51.3292, 0.3185, 0.3373



51.3292, 0.3140, 0.3366



51.3292, 0.3092, 0.3338

Triad

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



51.3292, 0.3140, 0.3366



51.3292, 0.3041, 0.3222



51.3292, 0.3201, 0.3283

Complementary

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



51.3292, 0.3140, 0.3366



49.2764, 0.3114, 0.3214

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.



51.3292, 0.3162, 0.3243



51.3292, 0.3140, 0.3366



51.3292, 0.3069, 0.3208

Square

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



51.3292, 0.3140, 0.3366



51.3292, 0.3035, 0.3254



51.3292, 0.3114, 0.3216



51.3292, 0.3221, 0.3325

Rectangle

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



51.3292, 0.3140, 0.3366



51.3292, 0.3065, 0.3311



51.3292, 0.3114, 0.3216



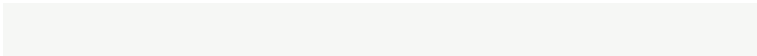
51.3292, 0.3190, 0.3269

Sweetspot

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



51.3314, 0.3140, 0.3366



92.8605, 0.3131, 0.3314



50.9318, 0.3174, 0.3339



20.3962, 0.3131, 0.3313



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



51.3314, 0.3140, 0.3366



91.5378, 0.3144, 0.3389



51.1174, 0.3117, 0.3355



11.0348, 0.3146, 0.3404



25.2449, 0.3181, 0.5856



1.0254, 0.3379, 0.5699

Inverse Universe

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



49.2764, 0.3114, 0.3214



86.8088, 0.3110, 0.3192



49.4960, 0.3138, 0.3226



10.3800, 0.3107, 0.3177



5.4810, 0.2388, 0.1089



0.2492, 0.2590, 0.1201

Previews

White Background



This preview shows how the Yxy color 51.3292, 0.3140, 0.3366 looks on a white background.

Color Contrast Check

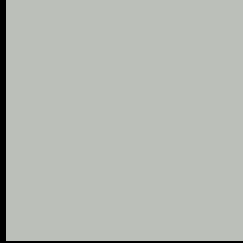
Large Text (above 18pt) WCAG AA × Fail

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 51.3292, 0.3140, 0.3366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

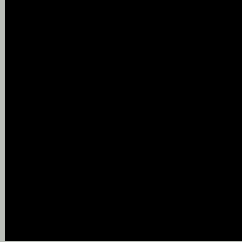
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

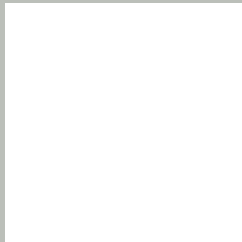
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.3292, 0.3140, 0.3366

Background



This preview shows how black text looks on a background with the Yxy color 51.3292, 0.3140, 0.3366.



This preview shows how white text looks on a background with the Yxy color 51.3292, 0.3140, 0.3366.

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

51.3292, 0.3140, 0.3366

Protanopia

51.3252, 0.3207, 0.3353

Deuteranopia

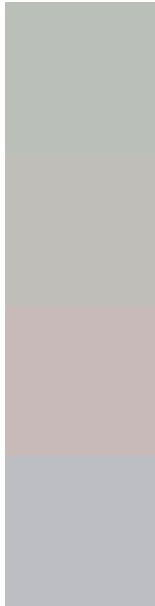
51.0101, 0.3318, 0.3243



Tritanopia

51.2254, 0.3031, 0.3105

Trichromacy



Original Color

51.3292, 0.3140, 0.3366

Protanomaly

51.3640, 0.3181, 0.3366

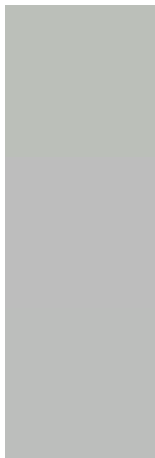
Deuteranomaly

51.0805, 0.3254, 0.3290

Tritanomaly

51.1995, 0.3074, 0.3203

Monochromacy



Original Color

51.3292, 0.3140, 0.3366

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.1491, 0.3126, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.3292, 0.3140, 0.3366 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(187, 191, 185)` looks like.

```
.text, #text, p{  
    color:rgb(187, 191, 185)  
}
```

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(187, 191, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 191, 185) }
```

Border

The CSS property to change the border of an element to Yxy 51.3292, 0.3140, 0.3366 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(187, 191, 185) }
```

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

```
.border{ border-color:rgb(187, 191, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 191, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 191, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 191, 185);  
box-shadow:4px 4px 4px 4px rgb(187, 191,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 51.3292, 0.3140, 0.3366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 191, 185) }
```

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

```
.background{ background-color: rgb(187,  
191, 185) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor