

Converting Colors

Yxy(51.9778, 0.3130, 0.3314)

Have a look what the booklet for
Yxy(51.9778, 0.3130, 0.3314)
contains.

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Color

Yxy(51.8829, 0.3134, 0.3315)

Conversions

Conversions Part 1

Format	Color
Hex	BEBFBD
RGB	190, 191, 189
RGB Percent	75%, 75%, 74%
CMY	0.2549, 0.2510, 0.2588
CMYK	0.01, 0.00, 0.01, 0.25
HSL	90°, 2%, 75%
HSV	90°, 1%, 75%
XYZ	49.0501, 51.8829, 55.5765
YIQ	190.4730, 0.0460, -0.8340

Conversions

Conversions Part 2

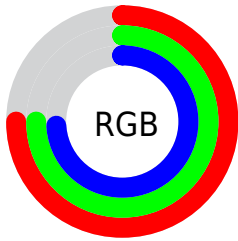
Format	Color
R _Y B	189, 191, 190
Decimal	12500925
CIE Lab	77.21, -0.72, 0.87
CIE LCh	77, 1.128, 129.360
Yxy	51.8829, 0.3134, 0.3315
Android (android.graphics.Color)	4290691005 (0xFFBEBFBD)
YUV	190.4730, -0.7262, -0.4148
Hunter-Lab	72.0298, -4.4991, 4.6741

Details

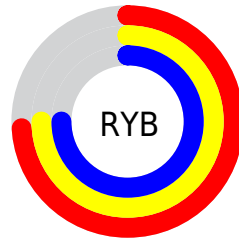
The Yxy color **51.8829, 0.3134, 0.3315** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.1101, 0.3120, 0.3265**, and the grayscale version is **51.7844, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.7069, 0.3133, 0.3310**, and **25.2729, 0.3137, 0.3324** is the 20% darker color. If you saturate the color by 10%, you get **49.9024, 0.3200, 0.3566**, and if you desaturate by 10%, it is **54.0602, 0.3069, 0.3086**.

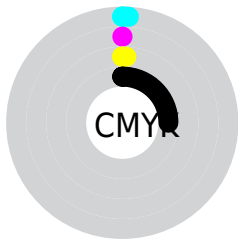
Distribution



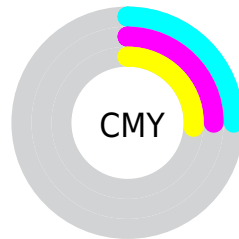
- Red (75%)
- Green (75%)
- Blue (74%)



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



- Cyan (1%)
- Magenta (0%)
- Yellow (1%)
- Black (25%)



- Cyan (25%)
- Magenta (25%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.8829, 0.3134, 0.3315 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 51.8829, 0.3134, 0.3315 by changing the saturation by 10% instead.

■ 51.8829, 0.3134,
0.3315

■ 51.8829, 0.3134,
0.3315

■ 393.9844, 0.3131,
0.3303

■ 36.9117, 0.3135,
0.3318

■ 92.9585, 0.3133,
0.3311

■ 25.1392, 0.3136,
0.3322

■ 119.8318, 0.3132,
0.3309

■ 16.1808, 0.3137,
0.3327

■ 151.4412, 0.3132,
0.3308

■ 9.6522, 0.3139,
0.3334

■ 188.1711, 0.3132,
0.3306

■ 5.1689, 0.3142,
0.3344

■ 230.4060, 0.3131,
0.3305

■ 2.3467, 0.3146,
0.3360

■ 278.5303, 0.3131,

■ 0.7983, 0.3157,

0.3304

0.3400

332.9283, 0.3131,
0.3304

0.0000, 0.0000,
0.0000

51.8829, 0.3134,
0.3315

51.8829, 0.3134,
0.3315

49.9024, 0.3200,
0.3566

54.0602, 0.3069,
0.3086

48.1060, 0.3264,
0.3838

56.4331, 0.3007,
0.2880

46.4900, 0.3324,
0.4126

59.0092, 0.2948,
0.2695

45.0477, 0.3378,
0.4424

61.1048, 0.2961,
0.2625

43.7722, 0.3419,
0.4721

62.7423, 0.3032,
0.2639

■ 42.6559, 0.3445,
0.5003

■ 64.4702, 0.3105,
0.2653

■ 41.6904, 0.3451,
0.5256

■ 65.7446, 0.3157,
0.2663

■ 40.8666, 0.3436,
0.5465

■ 40.1737, 0.3399,
0.5620

Harmonies

Analogous

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



51.8829, 0.3148, 0.3316



51.8829, 0.3134, 0.3315



51.8829, 0.3119, 0.3307

Triad

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



51.8829, 0.3134, 0.3315



51.8829, 0.3099, 0.3270



51.8829, 0.3149, 0.3286

Complementary

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



51.8829, 0.3134, 0.3315



51.1101, 0.3120, 0.3265

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.



51.8829, 0.3136, 0.3273



51.8829, 0.3134, 0.3315



51.8829, 0.3107, 0.3264

Square

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



51.8829, 0.3134, 0.3315



51.8829, 0.3098, 0.3281



51.8829, 0.3120, 0.3266



51.8829, 0.3156, 0.3299

Rectangle

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



51.8829, 0.3134, 0.3315



51.8829, 0.3109, 0.3299



51.8829, 0.3120, 0.3266



51.8829, 0.3145, 0.3281

Sweetspot

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



51.8851, 0.3134, 0.3315



93.3107, 0.3127, 0.3290



51.5816, 0.3143, 0.3303



20.4902, 0.3127, 0.3290



97.7402, 0.3127, 0.3290

Same Dimension

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



51.8851, 0.3134, 0.3315



92.9308, 0.3134, 0.3314



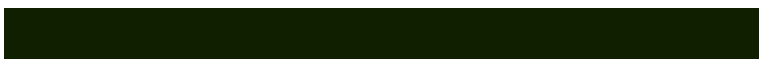
51.7587, 0.3126, 0.3315



11.2382, 0.3133, 0.3312



26.1015, 0.3364, 0.5711



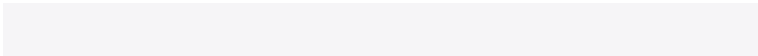
1.0613, 0.3552, 0.5562

Inverse Universe

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



51.1101, 0.3120, 0.3265



91.5838, 0.3120, 0.3266



51.2374, 0.3128, 0.3265



11.0883, 0.3121, 0.3268



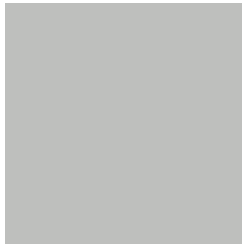
4.1882, 0.2049, 0.0903



0.2029, 0.2314, 0.1049

Previews

White Background



This preview shows how the Yxy color 51.8829, 0.3134, 0.3315 looks on a white background.

Color Contrast Check

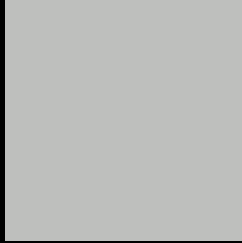
Large Text (above 18pt) WCAG AA × Fail

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 51.8829, 0.3134, 0.3315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

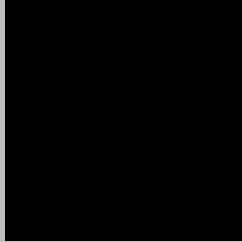
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

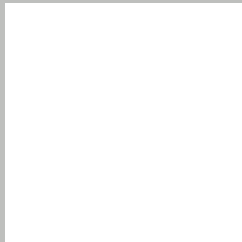
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.8829, 0.3134, 0.3315

Background



This preview shows how black text looks on a background with the Yxy color 51.8829, 0.3134, 0.3315.

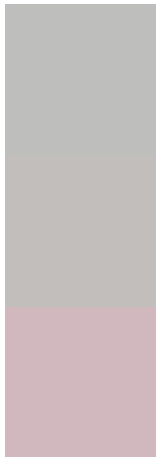


This preview shows how white text looks on a background with the Yxy color 51.8829, 0.3134, 0.3315.

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

51.8829, 0.3134, 0.3315

Protanopia

51.9271, 0.3175, 0.3315

Deuteranopia

51.5540, 0.3292, 0.3219



Tritanopia

51.9613, 0.3039, 0.3106

Trichromacy



Original Color

51.8829, 0.3134, 0.3315

Protanomaly

51.7952, 0.3167, 0.3315

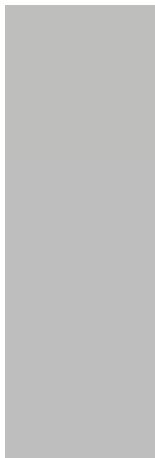
Deuteranomaly

51.8149, 0.3229, 0.3254

Tritanomaly

52.0268, 0.3068, 0.3179

Monochromacy



Original Color

51.8829, 0.3134, 0.3315

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.4918, 0.3127, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.8829, 0.3134, 0.3315 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(190, 191, 189)` looks like.

```
.text, #text, p{  
    color:rgb(190, 191, 189)  
}
```

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(190, 191, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 191, 189) }
```

Border

The CSS property to change the border of an element to Yxy 51.8829, 0.3134, 0.3315 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(190, 191, 189) }
```

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

```
.border{ border-color:rgb(190, 191, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 191, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 191, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 191, 189);  
box-shadow:4px 4px 4px 4px rgb(190, 191,  
189) }
```

Background

The CSS property to change the background color of an element to Yxy 51.8829, 0.3134, 0.3315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 191, 189) }
```

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

```
.background{ background-color: rgb(190,  
191, 189) }
```

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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