

Converting Colors

Yxy(51.8284, 0.3129, 0.3212)

Have a look what the booklet for
Yxy(51.8284, 0.3129, 0.3212)
contains.

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Color

Yxy(51.9374, 0.3131, 0.3216)

Conversions

Conversions Part 1

Format	Color
Hex	C3BDC3
RGB	195, 189, 195
RGB Percent	76%, 74%, 76%
CMY	0.2351, 0.2589, 0.2353
CMYK	0.00, 0.03, 0.00, 0.24
HSL	300°, 5%, 75%
HSV	300°, 3%, 76%
XYZ	50.5647, 51.9374, 58.9948
YIQ	191.4780, 1.6500, 3.1380

Conversions

Conversions Part 2

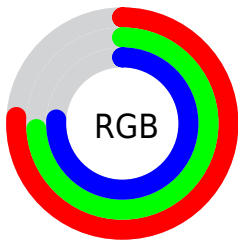
Format	Color
R_{YB}	195, 189, 195
Decimal	12828099
CIE Lab	77.24, 3.23, -2.28
CIE LCh	77, 3.955, 324.744
Yxy	51.9374, 0.3131, 0.3216
Android (android.graphics.Color)	4291018179 (0xFFC3BDC3)
YUV	191.4780, 1.7363, 3.0888
Hunter-Lab	72.0676, -0.8777, 1.9123

Details

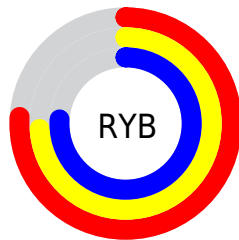
The Yxy color **51.9374, 0.3131, 0.3216** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.5475, 0.3123, 0.3365**, and the grayscale version is **52.3866, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.0285, 0.3130, 0.3222**, and **25.1941, 0.3131, 0.3207** is the 20% darker color. If you saturate the color by 10%, you get **44.0989, 0.3144, 0.2973**, and if you desaturate by 10%, it is **60.9089, 0.3119, 0.3450**.

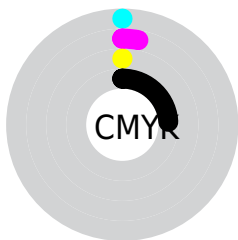
Distribution



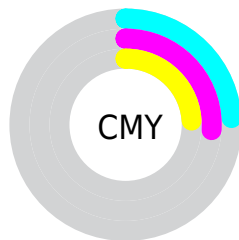
- Red (76%)
- Green (74%)
- Blue (76%)



- Red (76%)
- Yellow (74%)
- Blue (76%)



- Cyan (0%)
- Magenta (3%)
- Yellow (0%)
- Black (24%)



- Cyan (24%)
- Magenta (26%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.9374, 0.3131, 0.3216 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 51.9374, 0.3131, 0.3216 by changing the saturation by 10% instead.

 51.9374, 0.3131,
0.3216

 51.9374, 0.3131,
0.3216


394.1949, 0.3129,
0.3252

 36.9552, 0.3131,
0.3207


 93.0389, 0.3130,
0.3229

 25.1728, 0.3132,
0.3196


119.9270, 0.3130,
0.3234

 16.2058, 0.3133,
0.3181


151.5525, 0.3130,
0.3238

 9.6699, 0.3133,
0.3161

188.2998, 0.3130,
0.3242

 5.1807, 0.3134,
0.3132

230.5533, 0.3130,
0.3245

 2.3537, 0.3136,
0.3086

278.6974, 0.3129,

 0.8019, 0.3141,

0.3248

0.2995

333.1164, 0.3129,
0.3250

0.0000, 0.0000,
0.0000

51.9374, 0.3131,
0.3216

51.9374, 0.3131,
0.3216

44.0989, 0.3144,
0.2973

60.9089, 0.3119,
0.3450

37.3420, 0.3157,
0.2726

71.0488, 0.3108,
0.3671

31.6212, 0.3170,
0.2483

82.3996, 0.3097,
0.3876

26.8852, 0.3183,
0.2253

87.0962, 0.3093,
0.3950

23.0784, 0.3195,
0.2044

87.1028, 0.3092,
0.3948

■ 20.1397, 0.3205,
0.1866

■ 87.1093, 0.3091,
0.3947

■ 18.0006, 0.3214,
0.1727

■ 87.1159, 0.3091,
0.3945

■ 16.5825, 0.3221,
0.1629

■ 87.1225, 0.3090,
0.3943

■ 15.7906, 0.3225,
0.1573

■ 87.1291, 0.3089,
0.3942

Harmonies

Analogous

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



51.9374, 0.3079, 0.3199



51.9374, 0.3131, 0.3216



51.9374, 0.3183, 0.3252

Triad

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



51.9374, 0.3131, 0.3216



51.9374, 0.3216, 0.3374



51.9374, 0.3035, 0.3281

Complementary

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



51.9374, 0.3131, 0.3216



53.5475, 0.3123, 0.3365

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.



51.9374, 0.3072, 0.3329



51.9374, 0.3131, 0.3216



51.9374, 0.3176, 0.3383

Square

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



51.9374, 0.3131, 0.3216



51.9374, 0.3232, 0.3343



51.9374, 0.3123, 0.3366



51.9374, 0.3024, 0.3236

Rectangle

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



51.9374, 0.3131, 0.3216



51.9374, 0.3210, 0.3283



51.9374, 0.3123, 0.3366



51.9374, 0.3045, 0.3297

Sweetspot

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



51.9396, 0.3131, 0.3216



96.1601, 0.3128, 0.3266



51.1494, 0.3081, 0.3214



21.0750, 0.3128, 0.3267



0.0000, 0.0000, 0.0000



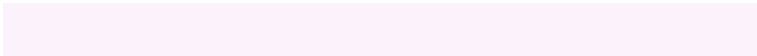
21.4041, 0.3127, 0.3290

Same Dimension

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



51.9396, 0.3131, 0.3216



91.5457, 0.3132, 0.3193



51.8058, 0.3154, 0.3253



11.0603, 0.3133, 0.3178



10.0600, 0.3228, 0.1552



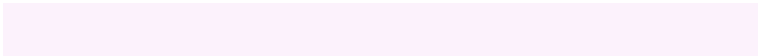
0.4351, 0.3223, 0.1549

Inverse Universe

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



51.9396, 0.3131, 0.3216



91.5457, 0.3132, 0.3193



53.6787, 0.3101, 0.3328



11.0603, 0.3133, 0.3178



10.0600, 0.3228, 0.1552



0.4351, 0.3223, 0.1549

Previews

White Background



This preview shows how the Yxy color 51.9374, 0.3131, 0.3216 looks on a white background.

Color Contrast Check

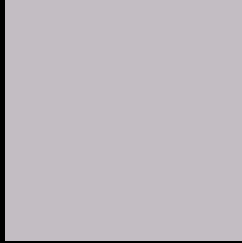
Large Text (above 18pt) WCAG AA × Fail

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 51.9374, 0.3131, 0.3216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

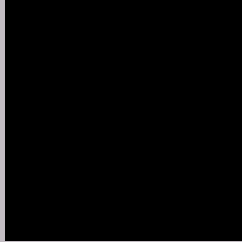
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

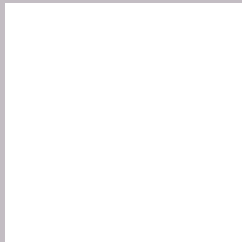
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.9374, 0.3131, 0.3216

Background



This preview shows how black text looks on a background with the Yxy color 51.9374, 0.3131, 0.3216.

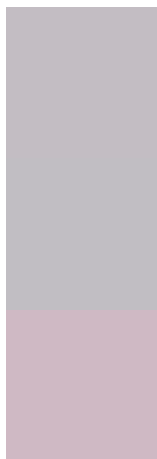


This preview shows how white text looks on a background with the Yxy color 51.9374, 0.3131, 0.3216.

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

51.9374, 0.3131, 0.3216

Protanopia

52.1045, 0.3114, 0.3228

Deuteranopia

51.9488, 0.3226, 0.3159



Tritanopia

52.0140, 0.3079, 0.3108

Trichromacy



Original Color

51.9374, 0.3131, 0.3216

Protanomaly

52.2364, 0.3122, 0.3228

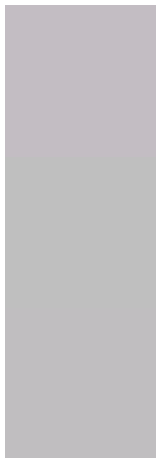
Deuteranomaly

51.7998, 0.3191, 0.3170

Tritanomaly

51.8723, 0.3101, 0.3144

Monochromacy



Original Color

51.9374, 0.3131, 0.3216

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.8392, 0.3128, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.9374, 0.3131, 0.3216 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(195, 189, 195)` looks like.

```
.text, #text, p{  
    color:rgb(195, 189, 195)  
}
```

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(195, 189, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 189, 195) }
```

Border

The CSS property to change the border of an element to Yxy 51.9374, 0.3131, 0.3216 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(195, 189, 195) }
```

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

```
.border{ border-color:rgb(195, 189, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 189, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 189, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 189, 195);  
box-shadow:4px 4px 4px 4px rgb(195, 189,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 51.9374, 0.3131, 0.3216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 189, 195) }
```

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

```
.background{ background-color: rgb(195,  
189, 195) }
```

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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