

Converting Colors

Yxy(51.5244, 0.3136, 0.3158)

Have a look what the booklet for
Yxy(51.5244, 0.3136, 0.3158)
contains.

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Color

Yxy(51.6236, 0.3133, 0.3156)

Conversions

Conversions Part 1

Format	Color
Hex	C6BBC6
RGB	198, 187, 198
RGB Percent	78%, 73%, 78%
CMY	0.2237, 0.2666, 0.2234
CMYK	0.00, 0.06, 0.00, 0.22
HSL	300°, 9%, 75%
HSV	300°, 6%, 78%
XYZ	51.2474, 51.6236, 60.7019
YIQ	191.5430, 3.0250, 5.7530

Conversions

Conversions Part 2

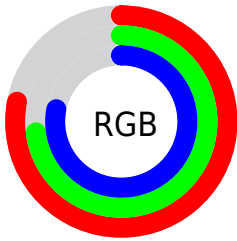
Format	Color
R _Y B	198, 187, 198
Decimal	13024198
CIE Lab	77.06, 5.86, -4.17
CIE LCh	77, 7.186, 324.577
Yxy	51.6236, 0.3133, 0.3156
Android (android.graphics.Color)	4291214278 (0xFFC6BBC6)
YUV	191.5430, 3.1833, 5.6628
Hunter-Lab	71.8496, 1.5801, 0.2037

Details

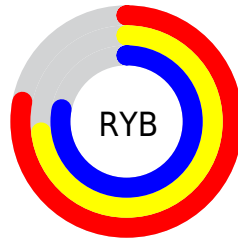
The Yxy color **51.6236, 0.3133, 0.3156** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.5599, 0.3121, 0.3428**, and the grayscale version is **52.4114, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5812, 0.3133, 0.3175**, and **24.9931, 0.3135, 0.3126** is the 20% darker color. If you saturate the color by 10%, you get **43.7811, 0.3144, 0.2909**, and if you desaturate by 10%, it is **60.6291, 0.3123, 0.3395**.

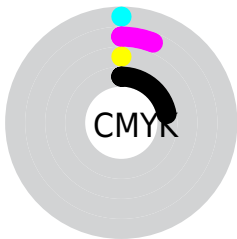
Distribution



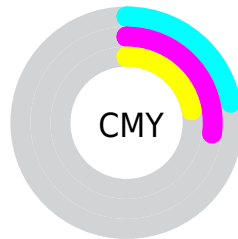
- Red (78%)
- Green (73%)
- Blue (78%)



- Red (78%)
- Yellow (73%)
- Blue (78%)



- Cyan (0%)
- Magenta (6%)
- Yellow (0%)
- Black (22%)





- Cyan (22%)
- Magenta (27%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.6236, 0.3133, 0.3156 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 51.6236, 0.3133, 0.3156 by changing the saturation by 10% instead.


 51.6236, 0.3133,
0.3156

 51.6236, 0.3133,
0.3156


392.9818, 0.3130,
0.3221

 36.7051, 0.3134,
0.3140


 92.5759, 0.3132,
0.3179

 24.9793, 0.3134,
0.3120


119.3785, 0.3132,
0.3188

 16.0616, 0.3135,
0.3094


150.9113, 0.3132,
0.3196

 9.5678, 0.3136,
0.3058

187.5587, 0.3131,
0.3202

 5.1133, 0.3137,
0.3007

229.7050, 0.3131,
0.3208

 2.3139, 0.3138,
0.2926

277.7347, 0.3131,

 0.7811, 0.3142,

0.3213

0.2770

332.0322, 0.3131,
0.3217

0.0000, 0.0000,
0.0000

51.6236, 0.3133,
0.3156

51.6236, 0.3133,
0.3156

43.7811, 0.3144,
0.2909

60.6291, 0.3123,
0.3395

37.0479, 0.3154,
0.2661

70.8353, 0.3113,
0.3621

31.3758, 0.3164,
0.2418

82.2866, 0.3103,
0.3832

26.7106, 0.3174,
0.2190

87.6527, 0.3100,
0.3918

22.9932, 0.3182,
0.1986

87.6660, 0.3100,
0.3918

■ 20.1587, 0.3189,
0.1816

■ 87.6793, 0.3101,
0.3918

■ 18.1336, 0.3193,
0.1685

■ 87.6926, 0.3101,
0.3918

■ 16.8329, 0.3196,
0.1596

■ 87.7059, 0.3102,
0.3918

■ 16.1516, 0.3197,
0.1549

■ 87.7192, 0.3103,
0.3918

Harmonies

Analogous

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



51.6236, 0.3038, 0.3126



51.6236, 0.3133, 0.3156



51.6236, 0.3228, 0.3221

Triad

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



51.6236, 0.3133, 0.3156



51.6236, 0.3289, 0.3442



51.6236, 0.2961, 0.3273

Complementary

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



51.6236, 0.3133, 0.3156



54.5599, 0.3121, 0.3428

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.



51.6236, 0.3026, 0.3361



51.6236, 0.3133, 0.3156



51.6236, 0.3215, 0.3460

Square

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



51.6236, 0.3133, 0.3156



51.6236, 0.3319, 0.3385



51.6236, 0.3119, 0.3430



51.6236, 0.2940, 0.3191

Rectangle

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



51.6236, 0.3133, 0.3156



51.6236, 0.3278, 0.3275



51.6236, 0.3119, 0.3430



51.6236, 0.2979, 0.3303

Sweetspot

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



51.6258, 0.3133, 0.3156



96.7843, 0.3129, 0.3241



50.2688, 0.3044, 0.3154



20.7495, 0.3129, 0.3244



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.



51.6258, 0.3133, 0.3156



89.1186, 0.3135, 0.3118



51.3919, 0.3175, 0.3220



11.1522, 0.3135, 0.3108



10.3745, 0.3197, 0.1535



0.4921, 0.3200, 0.1536

Inverse Universe

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



51.1457, 0.3219, 0.3290



88.0436, 0.3246, 0.3290



54.7852, 0.3082, 0.3361



11.0095, 0.3254, 0.3289



7.8094, 0.6395, 0.3296



0.3701, 0.6373, 0.3284

Previews

White Background



This preview shows how the Yxy color 51.6236, 0.3133, 0.3156 looks on a white background.

Color Contrast Check

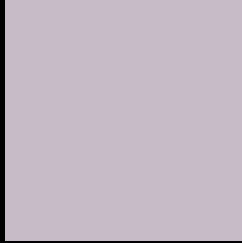
Large Text (above 18pt) WCAG AA × Fail

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 51.6236, 0.3133, 0.3156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

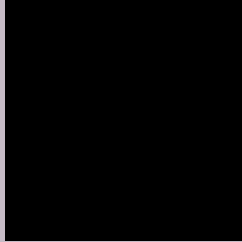
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

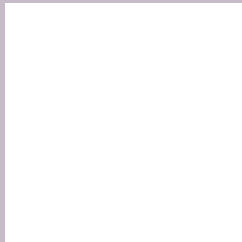
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.6236, 0.3133, 0.3156

Background



This preview shows how black text looks on a background with the Yxy color 51.6236, 0.3133, 0.3156.



This preview shows how white text looks on a background with the Yxy color 51.6236, 0.3133, 0.3156.

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

51.6236, 0.3133, 0.3156

Protanopia

51.5951, 0.3068, 0.3166

Deuteranopia

51.8006, 0.3185, 0.3123



Tritanopia

51.7635, 0.3110, 0.3120

Trichromacy



Original Color

51.6236, 0.3133, 0.3156

Protanomaly

51.5593, 0.3093, 0.3155

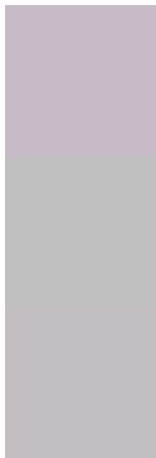
Deuteranomaly

51.7979, 0.3159, 0.3134

Tritanomaly

51.7165, 0.3118, 0.3132

Monochromacy



Original Color

51.6236, 0.3133, 0.3156

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.1913, 0.3129, 0.3241

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.6236, 0.3133, 0.3156 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(198, 187, 198)` looks like.

```
.text, #text, p{  
    color:rgb(198, 187, 198)  
}
```

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(198, 187, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 187, 198) }
```

Border

The CSS property to change the border of an element to Yxy 51.6236, 0.3133, 0.3156 is called "border". The border property can be set on classes, ids or directly on the HTML element.

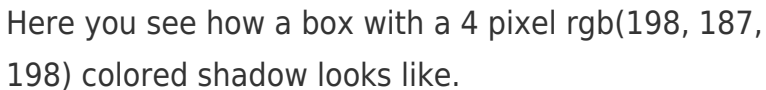
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 187, 198) }
```

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

```
.border{ border-color:rgb(198, 187, 198) }
```

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



Here you see how a box with a 4 pixel rgb(198, 187, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 187, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 187, 198);  
box-shadow:4px 4px 4px 4px rgb(198, 187,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 51.6236, 0.3133, 0.3156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 187, 198) }
```

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

```
.background{ background-color: rgb(198,  
187, 198) }
```

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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