

Converting Colors

Yxy(51.0082, 0.3193, 0.3129)

Have a look what the booklet for
Yxy(51.0082, 0.3193, 0.3129)
contains.

Yxy(51.1496, 0.3193, 0.3134)	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(51.1496, 0.3193, 0.3134)

Conversions

Conversions Part 1

Format	Color
Hex	CCB8C5
RGB	204, 184, 197
RGB Percent	80%, 72%, 77%
CMY	0.2001, 0.2784, 0.2275
CMYK	0.00, 0.10, 0.03, 0.20
HSL	321°, 16%, 76%
HSV	321°, 10%, 80%
XYZ	52.1125, 51.1496, 59.9465
YIQ	191.4620, 7.7470, 8.2830

Conversions

Conversions Part 2

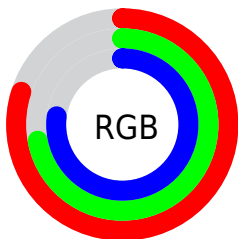
Format	Color
RYB	204, 184, 197
Decimal	13416645
CIELab	76.77, 9.36, -3.97
CIELCh	77, 10.173, 337.015
Yxy	51.1496, 0.3193, 0.3134
Android (android.graphics.Color)	4291606725 (0xFFCCB8C5)
YUV	191.4620, 2.7302, 10.9958
Hunter-Lab	71.5189, 4.9065, 0.3669

Details

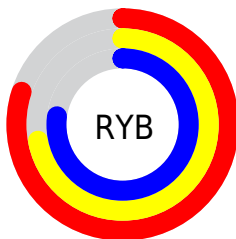
The Yxy color **51.1496, 0.3193, 0.3134** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.1225, 0.3067, 0.3451**, and the grayscale version is **52.3619, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.7359, 0.3140, 0.3156**, and **24.6998, 0.3216, 0.3097** is the 20% darker color. If you saturate the color by 10%, you get **42.9600, 0.3273, 0.2967**, and if you desaturate by 10%, it is **60.5808, 0.3126, 0.3293**.

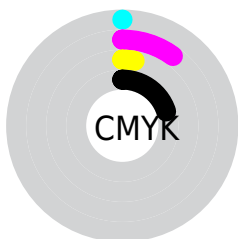
Distribution



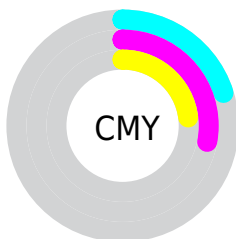
- Red (80%)
- Green (72%)
- Blue (77%)



- Red (80%)
- Yellow (72%)
- Blue (77%)



- Cyan (0%)
- Magenta (10%)
- Yellow (3%)
- Black (20%)




- Cyan (20%)
- Magenta (28%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.1496, 0.3193, 0.3134 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 51.1496, 0.3193, 0.3134 by changing the saturation by 10% instead.


 51.1496, 0.3193,
0.3134

 51.1496, 0.3193,
0.3134


391.1447, 0.3161,
0.3210

 36.3277, 0.3201,
0.3116


 91.8759, 0.3182,
0.3161

 24.6874, 0.3210,
0.3092


118.5490, 0.3177,
0.3171

 15.8443, 0.3223,
0.3062


149.9413, 0.3174,
0.3180

 9.4140, 0.3240,
0.3021

186.4373, 0.3170,
0.3188

 5.0122, 0.3265,
0.2961

228.4212, 0.3168,
0.3194

 2.2544, 0.3304,
0.2868

276.2775, 0.3165,

 0.7494, 0.3382,

0.3200

0.2682

330.3905, 0.3163,
0.3205

0.0000, 0.0000,
0.0000

51.1496, 0.3193,
0.3134

51.1496, 0.3193,
0.3134

42.9600, 0.3273,
0.2967

60.5808, 0.3126,
0.3293

35.9532, 0.3366,
0.2797

71.2961, 0.3069,
0.3443

30.0753, 0.3474,
0.2629

83.3442, 0.3023,
0.3583

25.2659, 0.3598,
0.2470

89.8159, 0.2983,
0.3605

21.4585, 0.3734,
0.2331

90.2141, 0.2944,
0.3527

■ 18.5797, 0.3882,
0.2223

■ 90.6288, 0.2906,
0.3450

■ 16.5454, 0.4036,
0.2156

■ 91.0601, 0.2869,
0.3374

■ 15.2563, 0.4191,
0.2139

■ 91.5082, 0.2832,
0.3299

■ 14.5319, 0.4342,
0.2167

■ 91.5724, 0.2827,
0.3289

Harmonies

Analogous

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



51.1496, 0.3053, 0.3069



51.1496, 0.3193, 0.3134



51.1496, 0.3317, 0.3238

Triad

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



51.1496, 0.3193, 0.3134



51.1496, 0.3319, 0.3525



51.1496, 0.2871, 0.3213

Complementary

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



51.1496, 0.3193, 0.3134



57.1225, 0.3067, 0.3451

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.



51.1496, 0.2939, 0.3339



51.1496, 0.3193, 0.3134



51.1496, 0.3197, 0.3523

Square

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



51.1496, 0.3193, 0.3134



51.1496, 0.3391, 0.3463



51.1496, 0.3058, 0.3454



51.1496, 0.2870, 0.3111

Rectangle

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



51.1496, 0.3193, 0.3134



51.1496, 0.3373, 0.3318



51.1496, 0.3058, 0.3454



51.1496, 0.2887, 0.3254

Sweetspot

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



51.1518, 0.3193, 0.3134



95.0449, 0.3146, 0.3242



49.6795, 0.3029, 0.3044



20.0671, 0.3152, 0.3230



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.



51.1518, 0.3193, 0.3134



81.3371, 0.3211, 0.3095



50.7233, 0.3270, 0.3250



11.3346, 0.3190, 0.3140



9.1594, 0.4325, 0.2156



0.4865, 0.4053, 0.2006

Inverse Universe

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



51.1518, 0.3193, 0.3134



81.3371, 0.3211, 0.3095



57.5617, 0.3000, 0.3330



11.3346, 0.3190, 0.3140



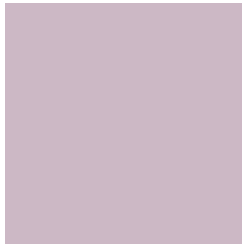
9.1594, 0.4325, 0.2156



0.4865, 0.4053, 0.2006

Previews

White Background



This preview shows how the Yxy color 51.1496, 0.3193, 0.3134 looks on a white background.

Color Contrast Check

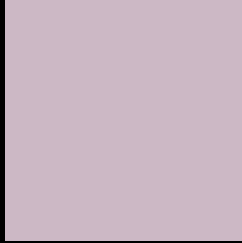
Large Text (above 18pt) WCAG AA × Fail

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 51.1496, 0.3193, 0.3134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

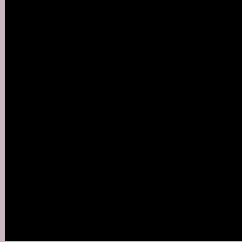
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.1496, 0.3193, 0.3134

Background



This preview shows how black text looks on a background with the Yxy color 51.1496, 0.3193, 0.3134.



This preview shows how white text looks on a background with the Yxy color 51.1496, 0.3193, 0.3134.

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

51.1496, 0.3193, 0.3134

Protanopia

51.0837, 0.3053, 0.3141

Deuteranopia

51.1496, 0.3193, 0.3134



Tritanopia

51.1956, 0.3185, 0.3122

Trichromacy



Original Color

51.1496, 0.3193, 0.3134

Protanomaly

51.2663, 0.3101, 0.3143

Deuteranomaly

51.1496, 0.3193, 0.3134

Tritanomaly

51.1956, 0.3185, 0.3122

Monochromacy



Original Color

51.1496, 0.3193, 0.3134

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.5525, 0.3155, 0.3229

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.1496, 0.3193, 0.3134 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(204, 184, 197)` looks like.

```
.text, #text, p{  
    color:rgb(204, 184, 197)  
}
```

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(204, 184, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 184, 197) }
```

Border

The CSS property to change the border of an element to Yxy 51.1496, 0.3193, 0.3134 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(204, 184, 197) }
```

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

```
.border{ border-color:rgb(204, 184, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 184, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 184, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 184, 197);  
box-shadow:4px 4px 4px 4px rgb(204, 184,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 51.1496, 0.3193, 0.3134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 184, 197) }
```

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

```
.background{ background-color: rgb(204,  
184, 197) }
```

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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