

Converting Colors

Yxy(51.6930, 0.3217, 0.3192)

Have a look what the booklet for
Yxy(51.6930, 0.3217, 0.3192)
contains.

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Color

Yxy(51.8502, 0.3215, 0.3194)

Conversions

Conversions Part 1

Format	Color
Hex	CCBAC2
RGB	204, 186, 194
RGB Percent	80%, 73%, 76%
CMY	0.2001, 0.2705, 0.2392
CMYK	0.00, 0.09, 0.05, 0.20
HSL	333°, 15%, 76%
HSV	333°, 9%, 80%
XYZ	52.1911, 51.8502, 58.2949
YIQ	192.2940, 8.1600, 6.3040

Conversions

Conversions Part 2

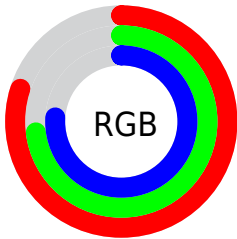
Format	Color
R _Y B	204, 186, 194
Decimal	13417154
CIE Lab	77.19, 7.75, -1.73
CIE LCh	77, 7.943, 347.450
Yxy	51.8502, 0.3215, 0.3194
Android (android.graphics.Color)	4291607234 (0xFFCCBAC2)
YUV	192.2940, 0.8411, 10.2662
Hunter-Lab	72.0071, 3.3653, 2.4054

Details

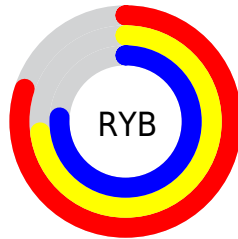
The Yxy color **51.8502, 0.3215, 0.3194** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.5958, 0.3047, 0.3388**, and the grayscale version is **52.8834, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.6664, 0.3163, 0.3213**, and **25.1525, 0.3246, 0.3177** is the 20% darker color. If you saturate the color by 10%, you get **43.3724, 0.3335, 0.3079**, and if you desaturate by 10%, it is **61.5980, 0.3116, 0.3303**.

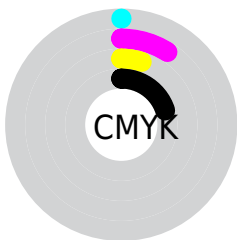
Distribution



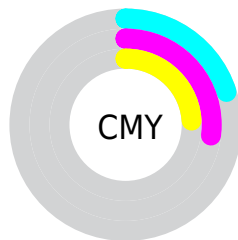
- Red (80%)
- Green (73%)
- Blue (76%)



- Red (80%)
- Yellow (73%)
- Blue (76%)



- Cyan (0%)
- Magenta (9%)
- Yellow (5%)
- Black (20%)




- Cyan (20%)
- Magenta (27%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.8502, 0.3215, 0.3194 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 51.8502, 0.3215, 0.3194 by changing the saturation by 10% instead.


 51.8502, 0.3215,
0.3194

 51.8502, 0.3215,
0.3194


393.8580, 0.3172,
0.3241

 36.8857, 0.3225,
0.3183

 92.9103, 0.3200,
0.3211

 25.1190, 0.3239,
0.3168


119.7746, 0.3194,
0.3217

 16.1657, 0.3256,
0.3149


151.3744, 0.3189,
0.3223

 9.6415, 0.3280,
0.3123

188.0939, 0.3185,
0.3227

 5.1619, 0.3315,
0.3086

230.3177, 0.3181,
0.3231

 2.3426, 0.3370,
0.3027

278.4300, 0.3178,

 0.7961, 0.3476,

0.3235

0.2912

332.8153, 0.3175,
0.3238

0.0000, 0.0000,
0.0000

51.8502, 0.3215,
0.3194

51.8502, 0.3215,
0.3194

43.3724, 0.3335,
0.3079

61.5980, 0.3116,
0.3303

36.1053, 0.3479,
0.2960

72.6585, 0.3035,
0.3404

29.9948, 0.3652,
0.2841

85.0808, 0.2968,
0.3497

24.9802, 0.3855,
0.2729

90.6026, 0.2909,
0.3455

20.9952, 0.4089,
0.2633

91.2944, 0.2849,
0.3335

■ 17.9660, 0.4350,
0.2565

■ 91.5726, 0.2827,
0.3289

■ 15.8092, 0.4628,
0.2537

■ 14.4264, 0.4909,
0.2560

■ 13.6596, 0.5177,
0.2633

Harmonies

Analogous

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



51.8502, 0.3107, 0.3131



51.8502, 0.3215, 0.3194



51.8502, 0.3300, 0.3283

Triad

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



51.8502, 0.3215, 0.3194



51.8502, 0.3247, 0.3478



51.8502, 0.2921, 0.3200

Complementary

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



51.8502, 0.3215, 0.3194



57.5958, 0.3047, 0.3388

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.



51.8502, 0.2957, 0.3294



51.8502, 0.3215, 0.3194



51.8502, 0.3144, 0.3457

Square

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



51.8502, 0.3215, 0.3194



51.8502, 0.3318, 0.3447



51.8502, 0.3038, 0.3389



51.8502, 0.2939, 0.3132

Rectangle

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



51.8502, 0.3215, 0.3194



51.8502, 0.3331, 0.3345



51.8502, 0.3038, 0.3389



51.8502, 0.2927, 0.3230

Sweetspot

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



51.8525, 0.3215, 0.3194



94.9452, 0.3156, 0.3257



51.2037, 0.3071, 0.3072



20.0402, 0.3164, 0.3249



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.



51.8525, 0.3215, 0.3194



82.4279, 0.3241, 0.3168



51.8827, 0.3278, 0.3301



11.2952, 0.3221, 0.3187



8.5705, 0.5174, 0.2624



0.4573, 0.4694, 0.2360

Inverse Universe

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



51.8525, 0.3215, 0.3194



82.4279, 0.3241, 0.3168



57.5437, 0.2992, 0.3279



11.2952, 0.3221, 0.3187



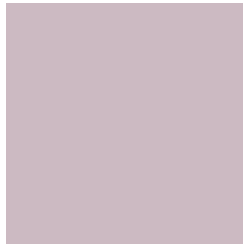
8.5705, 0.5174, 0.2624



0.4573, 0.4694, 0.2360

Previews

White Background



This preview shows how the Yxy color 51.8502, 0.3215, 0.3194 looks on a white background.

Color Contrast Check

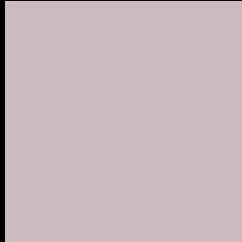
Large Text (above 18pt) WCAG AA × Fail

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 51.8502, 0.3215, 0.3194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

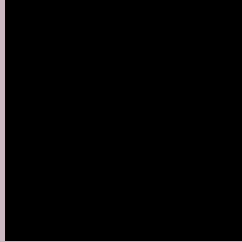
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.8502, 0.3215, 0.3194

Background



This preview shows how black text looks on a background with the Yxy color 51.8502, 0.3215, 0.3194.



This preview shows how white text looks on a background with the Yxy color 51.8502, 0.3215, 0.3194.

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

51.8502, 0.3215, 0.3194

Protanopia

52.0189, 0.3098, 0.3216

Deuteranopia

51.8584, 0.3242, 0.3183



Tritanopia

51.8472, 0.3177, 0.3111

Trichromacy



Original Color

51.8502, 0.3215, 0.3194

Protanomaly

52.0711, 0.3139, 0.3217

Deuteranomaly

51.7148, 0.3233, 0.3182

Tritanomaly

51.7543, 0.3193, 0.3135

Monochromacy



Original Color

51.8502, 0.3215, 0.3194

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.4129, 0.3153, 0.3253

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.8502, 0.3215, 0.3194 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, 186, 194)` looks like.

```
.text, #text, p{  
    color:rgb(204, 186, 194)  
}
```

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, 186, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 186, 194) }
```

Border

The CSS property to change the border of an element to Yxy 51.8502, 0.3215, 0.3194 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, 186, 194) }
```

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

```
.border{ border-color:rgb(204, 186, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 186, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 186, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 186, 194);  
box-shadow:4px 4px 4px 4px rgb(204, 186,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 51.8502, 0.3215, 0.3194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 186, 194) }
```

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

```
.background{ background-color: rgb(204,  
186, 194) }
```

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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