

Converting Colors

Yxy(51.6646, 0.3215, 0.3206)

Have a look what the booklet for
Yxy(51.6646, 0.3215, 0.3206)
contains.

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Color

Yxy(51.6646, 0.3215, 0.3206)

Conversions

Conversions Part 1

Format	Color
Hex	CBBAC1
RGB	203, 186, 193
RGB Percent	80%, 73%, 76%
CMY	0.2039, 0.2706, 0.2433
CMYK	0.00, 0.08, 0.05, 0.20
HSL	335°, 14%, 76%
HSV	335°, 8%, 80%
XYZ	51.8096, 51.6646, 57.6755
YIQ	191.8810, 7.8850, 5.7810

Conversions

Conversions Part 2

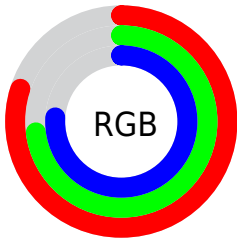
Format	Color
R _Y B	203, 186, 193
Decimal	13351617
CIE Lab	77.08, 7.23, -1.34
CIE LCh	77, 7.356, 349.500
Yxy	51.6646, 0.3215, 0.3206
Android (android.graphics.Color)	4291541697 (0xFFCBBAC1)
YUV	191.8810, 0.5517, 9.7514
Hunter-Lab	71.8781, 2.8759, 2.7400

Details

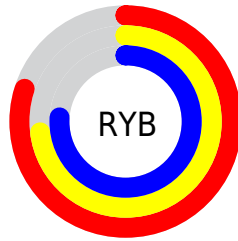
The Yxy color **51.6646, 0.3215, 0.3206** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.1381, 0.3047, 0.3376**, and the grayscale version is **52.6326, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.6038, 0.3169, 0.3223**, and **25.0581, 0.3235, 0.3177** is the 20% darker color. If you saturate the color by 10%, you get **43.1989, 0.3341, 0.3100**, and if you desaturate by 10%, it is **61.3932, 0.3112, 0.3306**.

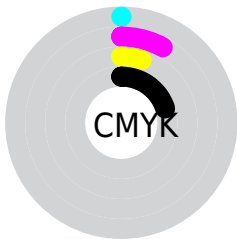
Distribution



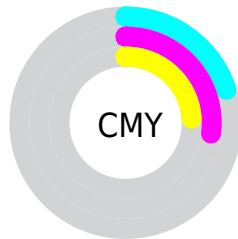
- Red (80%)
- Green (73%)
- Blue (76%)



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



- Cyan (0%)
- Magenta (8%)
- Yellow (5%)
- Black (20%)




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

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.6646, 0.3215, 0.3206 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 51.6646, 0.3215, 0.3206 by changing the saturation by 10% instead.


 51.6646, 0.3215,
0.3206

 51.6646, 0.3215,
0.3206


393.1404, 0.3172,
0.3247

 36.7378, 0.3226,
0.3196


 92.6364, 0.3200,
0.3221

 25.0045, 0.3239,
0.3183


119.4502, 0.3194,
0.3226

 16.0804, 0.3256,
0.3167


150.9951, 0.3189,
0.3231

 9.5811, 0.3281,
0.3144

187.6556, 0.3184,
0.3235

 5.1221, 0.3316,
0.3111

229.8159, 0.3181,
0.3239

 2.3191, 0.3372,
0.3058

277.8606, 0.3177,

 0.7838, 0.3481,

0.3242

0.2952

332.1739, 0.3175,
0.3245

0.0000, 0.0000,
0.0000

51.6646, 0.3215,
0.3206

51.6646, 0.3215,
0.3206

43.1989, 0.3341,
0.3100

61.3932, 0.3112,
0.3306

35.9373, 0.3493,
0.2990

72.4269, 0.3027,
0.3399

29.8264, 0.3676,
0.2880

84.8143, 0.2957,
0.3484

24.8064, 0.3892,
0.2777

90.5609, 0.2895,
0.3438

20.8115, 0.4143,
0.2688

91.3004, 0.2832,
0.3311

■ 17.7692, 0.4423,
0.2626

■ 91.4361, 0.2822,
0.3289

■ 15.5971, 0.4723,
0.2604

■ 14.1987, 0.5024,
0.2631

■ 13.4260, 0.5308,
0.2709

Harmonies

Analogous

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



51.6646, 0.3116, 0.3145



51.6646, 0.3215, 0.3206



51.6646, 0.3291, 0.3289

Triad

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



51.6646, 0.3215, 0.3206



51.6646, 0.3232, 0.3464



51.6646, 0.2935, 0.3201

Complementary

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



51.6646, 0.3215, 0.3206



57.1381, 0.3047, 0.3376

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.



51.6646, 0.2966, 0.3288



51.6646, 0.3215, 0.3206



51.6646, 0.3136, 0.3441

Square

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



51.6646, 0.3215, 0.3206



51.6646, 0.3301, 0.3439



51.6646, 0.3039, 0.3376



51.6646, 0.2956, 0.3141

Rectangle

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



51.6646, 0.3215, 0.3206



51.6646, 0.3318, 0.3347



51.6646, 0.3039, 0.3376



51.6646, 0.2940, 0.3228

Sweetspot

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



51.6669, 0.3215, 0.3206



94.9284, 0.3157, 0.3260



51.1584, 0.3079, 0.3083



20.0357, 0.3166, 0.3252



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.



51.6669, 0.3215, 0.3206



83.8639, 0.3235, 0.3188



51.9630, 0.3269, 0.3308



11.2886, 0.3227, 0.3195



8.4963, 0.5319, 0.2704



0.4533, 0.4810, 0.2423

Inverse Universe

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



51.6669, 0.3215, 0.3206



83.8639, 0.3235, 0.3188



56.7970, 0.2999, 0.3272



11.2886, 0.3227, 0.3195



8.4963, 0.5319, 0.2704



0.4533, 0.4810, 0.2423

Previews

White Background



This preview shows how the Yxy color 51.6646, 0.3215, 0.3206 looks on a white background.

Color Contrast Check

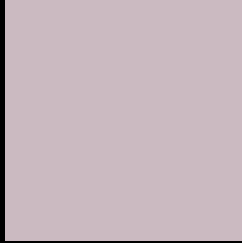
Large Text (above 18pt) WCAG AA × Fail

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 51.6646, 0.3215, 0.3206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

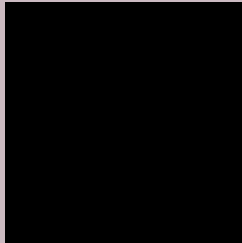
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

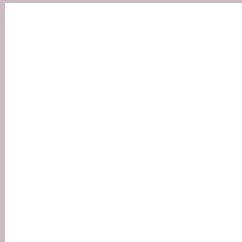
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.6646, 0.3215, 0.3206

Background



This preview shows how black text looks on a background with the Yxy color 51.6646, 0.3215, 0.3206.



This preview shows how white text looks on a background with the Yxy color 51.6646, 0.3215, 0.3206.

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

51.6646, 0.3215, 0.3206

Protanopia

51.5418, 0.3106, 0.3216

Deuteranopia

51.3966, 0.3251, 0.3182



Tritanopia

51.6588, 0.3177, 0.3122

Trichromacy



Original Color

51.6646, 0.3215, 0.3206

Protanomaly

51.5972, 0.3147, 0.3216

Deuteranomaly

51.6700, 0.3241, 0.3194

Tritanomaly

51.5665, 0.3192, 0.3146

Monochromacy



Original Color

51.6646, 0.3215, 0.3206

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.3684, 0.3161, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.6646, 0.3215, 0.3206 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(203, 186, 193)` looks like.

```
.text, #text, p{  
    color:rgb(203, 186, 193)  
}
```

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(203, 186, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 186, 193) }
```

Border

The CSS property to change the border of an element to Yxy 51.6646, 0.3215, 0.3206 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(203, 186, 193) }
```

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

```
.border{ border-color:rgb(203, 186, 193) }
```

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

Here you see how a box with a 4 pixel rgb(203, 186, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 186, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 186, 193);  
box-shadow:4px 4px 4px 4px rgb(203, 186,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 51.6646, 0.3215, 0.3206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 186, 193) }
```

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

```
.background{ background-color: rgb(203,  
186, 193) }
```

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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