

Converting Colors

Yxy(53.7119, 0.3132, 0.3085)

Have a look what the booklet for
Yxy(53.7119, 0.3132, 0.3085)
contains.

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Color

Yxy(53.8306, 0.3128, 0.3089)

Conversions

Conversions Part 1

Format	Color
Hex	CDBDCE
RGB	205, 189, 206
RGB Percent	80%, 74%, 81%
CMY	0.1962, 0.2588, 0.1921
CMYK	0.01, 0.08, 0.00, 0.19
HSL	296°, 15%, 77%
HSV	296°, 8%, 81%
XYZ	54.5102, 53.8306, 65.9246
YIQ	195.7220, 4.0790, 8.6790

Conversions

Conversions Part 2

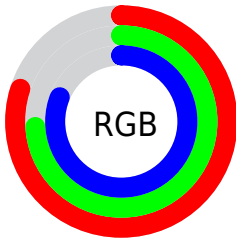
Format	Color
R_{YB}	205, 189, 206
Decimal	13483470
CIE _{Lab}	78.36, 8.68, -6.50
CIE _{LCh}	78, 10.845, 323.161
Yxy	53.8306, 0.3128, 0.3089
Android (android.graphics.Color)	4291673550 (0xFFCDBDCE)
YUV	195.7220, 5.0671, 8.1368
Hunter-Lab	73.3693, 4.2214, -1.9154

Details

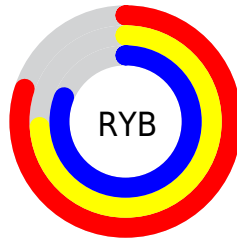
The Yxy color **53.8306, 0.3128, 0.3089** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.7854, 0.3125, 0.3498**, and the grayscale version is **54.9937, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7848, 0.3132, 0.3194**, and **26.4546, 0.3128, 0.3038** is the 20% darker color. If you saturate the color by 10%, you get **45.4078, 0.3128, 0.2838**, and if you desaturate by 10%, it is **63.5186, 0.3127, 0.3331**.

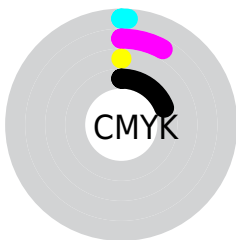
Distribution



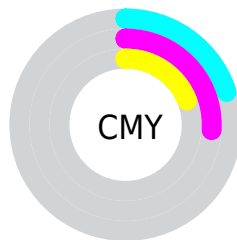
- Red (80%)
- Green (74%)
- Blue (81%)



- Red (80%)
- Yellow (74%)
- Blue (81%)



- Cyan (1%)
- Magenta (8%)
- Yellow (0%)
- Black (19%)




- Cyan (20%)
- Magenta (26%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.8306, 0.3128, 0.3089 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 53.8306, 0.3128, 0.3089 by changing the saturation by 10% instead.


 53.8306, 0.3128,
0.3089

 53.8306, 0.3128,
0.3089


401.4637, 0.3128,
0.3186

 38.4662, 0.3128,
0.3066


 95.8255, 0.3128,
0.3123

 26.3448, 0.3127,
0.3037


123.2248, 0.3128,
0.3136

 17.0817, 0.3127,
0.2999


155.4045, 0.3128,
0.3148

 10.2928, 0.3126,
0.2948

192.7491, 0.3128,
0.3157

 5.5935, 0.3123,
0.2876

235.6429, 0.3128,
0.3166

 2.5995, 0.3119,
0.2766

284.4704, 0.3128,

 0.9264, 0.3106,

0.3173

0.2575

339.6158, 0.3128,
0.3180

0.0000, 0.1334,
0.0000

0.0000, 0.0000,
0.0000

53.8306, 0.3128,
0.3089

53.8306, 0.3128,
0.3089

45.4078, 0.3128,
0.2838

63.5186, 0.3127,
0.3331

38.1905, 0.3126,
0.2586

74.5144, 0.3125,
0.3561

32.1243, 0.3122,
0.2339

86.8675, 0.3122,
0.3775

27.1483, 0.3116,
0.2107

89.6923, 0.3127,
0.3816

■ 23.1957, 0.3107,
0.1901

■ 89.8811, 0.3135,
0.3815

■ 20.1925, 0.3097,
0.1730

■ 90.0715, 0.3143,
0.3813

■ 18.0547, 0.3084,
0.1598

■ 90.2634, 0.3151,
0.3812

■ 16.6837, 0.3070,
0.1511

■ 90.4568, 0.3159,
0.3811

■ 15.9308, 0.3055,
0.1462

■ 90.6517, 0.3167,
0.3810

Harmonies

Analogous

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



53.8306, 0.2988, 0.3047



53.8306, 0.3128, 0.3089



53.8306, 0.3271, 0.3182

Triad

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



53.8306, 0.3128, 0.3089



53.8306, 0.3371, 0.3513



53.8306, 0.2884, 0.3269

Complementary

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



53.8306, 0.3128, 0.3089



58.7854, 0.3125, 0.3498

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.



53.8306, 0.2983, 0.3401



53.8306, 0.3128, 0.3089



53.8306, 0.3264, 0.3544

Square

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



53.8306, 0.3128, 0.3089



53.8306, 0.3413, 0.3424



53.8306, 0.3121, 0.3503



53.8306, 0.2849, 0.3146

Rectangle

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



53.8306, 0.3128, 0.3089



53.8306, 0.3347, 0.3261



53.8306, 0.3121, 0.3503



53.8306, 0.2911, 0.3314

Sweetspot

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



53.8329, 0.3128, 0.3089



96.7290, 0.3127, 0.3241



52.1689, 0.3001, 0.3095



20.7382, 0.3127, 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.



53.8329, 0.3128, 0.3089



84.4963, 0.3128, 0.3043



53.6338, 0.3193, 0.3176



11.3669, 0.3128, 0.3061



9.7568, 0.3055, 0.1457



0.5143, 0.3087, 0.1474

Inverse Universe

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



53.2472, 0.3260, 0.3278



83.3501, 0.3294, 0.3275



58.9780, 0.3066, 0.3407



11.2248, 0.3280, 0.3276



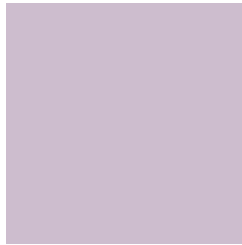
8.1026, 0.6327, 0.3259



0.4220, 0.6086, 0.3126

Previews

White Background



This preview shows how the Yxy color 53.8306, 0.3128, 0.3089 looks on a white background.

Color Contrast Check

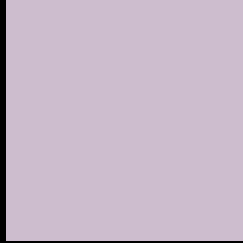
Large Text (above 18pt) WCAG AA × Fail

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 53.8306, 0.3128, 0.3089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

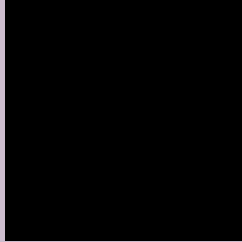
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

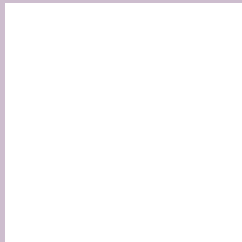
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.8306, 0.3128, 0.3089

Background



This preview shows how black text looks on a background with the Yxy color 53.8306, 0.3128, 0.3089.



This preview shows how white text looks on a background with the Yxy color 53.8306, 0.3128, 0.3089.

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

53.8306, 0.3128, 0.3089

Protanopia

54.0315, 0.3017, 0.3109

Deuteranopia

53.6881, 0.3145, 0.3078



Tritanopia

53.7340, 0.3144, 0.3112

Trichromacy



Original Color

53.8306, 0.3128, 0.3089

Protanomaly

54.0746, 0.3056, 0.3110

Deuteranomaly

53.5445, 0.3137, 0.3078

Tritanomaly

53.7821, 0.3136, 0.3101

Monochromacy



Original Color

53.8306, 0.3128, 0.3089

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.4522, 0.3123, 0.3206

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.8306, 0.3128, 0.3089 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(205, 189, 206)` looks like.

```
.text, #text, p{  
    color:rgb(205, 189, 206)  
}
```

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(205, 189, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 189, 206) }
```

Border

The CSS property to change the border of an element to Yxy 53.8306, 0.3128, 0.3089 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(205, 189, 206) }
```

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

```
.border{ border-color:rgb(205, 189, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 189, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 189, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 189, 206);  
box-shadow:4px 4px 4px 4px rgb(205, 189,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 53.8306, 0.3128, 0.3089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 189, 206) }
```

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

```
.background{ background-color: rgb(205,  
189, 206) }
```

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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