

Converting Colors

Yxy(60.0091, 0.3085, 0.3194)

Have a look what the booklet for
Yxy(60.0091, 0.3085, 0.3194)
contains.

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Color

Yxy(59.9233, 0.3086, 0.3185)

Conversions

Conversions Part 1

Format	Color
Hex	CDCAD3
RGB	205, 202, 211
RGB Percent	80%, 79%, 83%
CMY	0.1960, 0.2079, 0.1724
CMYK	0.03, 0.04, 0.00, 0.17
HSL	260°, 9%, 81%
HSV	260°, 4%, 83%
XYZ	58.0607, 59.9233, 70.1582
YIQ	203.9230, -1.1010, 3.4350

Conversions

Conversions Part 2

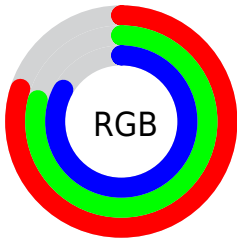
Format	Color
R _Y B	205, 202, 211
Decimal	13486803
CIE Lab	81.80, 2.71, -4.13
CIE LCh	82, 4.939, 303.272
Yxy	59.9233, 0.3086, 0.3185
Android (android.graphics.Color)	4291676883 (0xFFCADCAD3)
YUV	203.9230, 3.4890, 0.9445
Hunter-Lab	77.4101, -1.5856, 0.4515

Details

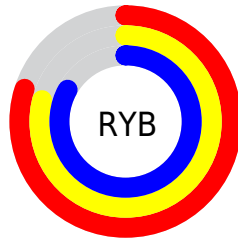
The Yxy color **59.9233, 0.3086, 0.3185** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.2852, 0.3167, 0.3394**, and the grayscale version is **60.3138, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.1934, 0.3073, 0.3152** is the 20% darker color. If you saturate the color by 10%, you get **48.7783, 0.2979, 0.2922**, and if you desaturate by 10%, it is **72.6077, 0.3178, 0.3423**.

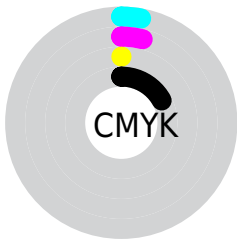
Distribution



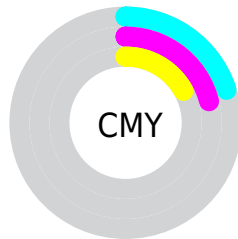
- Red (80%)
- Green (79%)
- Blue (83%)



- Red (80%)
- Yellow (79%)
- Blue (83%)



- Cyan (3%)
- Magenta (4%)
- Yellow (0%)
- Black (17%)



- Cyan (20%)
- Magenta (21%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.9233, 0.3086, 0.3185 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 59.9233, 0.3086, 0.3185 by changing the saturation by 10% instead.

■ 59.9233, 0.3086,
0.3185

■ 59.9233, 0.3086,
0.3185

424.3150, 0.3106,
0.3235

■ 43.3568, 0.3081,
0.3173

104.7184, 0.3093,
0.3203

■ 30.1652, 0.3075,
0.3158

133.7158, 0.3096,
0.3209

■ 19.9640, 0.3068,
0.3139

167.6256, 0.3098,
0.3215

■ 12.3689, 0.3057,
0.3114

206.8323, 0.3100,
0.3220

■ 6.9954, 0.3042,
0.3078

251.7201, 0.3102,
0.3225

■ 3.4592, 0.3019,
0.3023

302.6736, 0.3103,

■ 1.3759, 0.2979,

0.3229

0.2931

360.0771, 0.3105,
0.3232

■ 0.1989, 0.2660,
0.2073

■ 0.0000, 0.0000,
0.0000

■ 59.9233, 0.3086,
0.3185

■ 59.9233, 0.3086,
0.3185

■ 48.7783, 0.2979,
0.2922

■ 72.6077, 0.3178,
0.3423

■ 39.1056, 0.2856,
0.2634

■ 86.8798, 0.3256,
0.3635

■ 30.8447, 0.2717,
0.2327

■ 96.0402, 0.3336,
0.3727

■ 23.9275, 0.2563,
0.2009

■ 97.4850, 0.3387,
0.3720

■ 18.2806, 0.2400,
0.1692

■ 13.8230, 0.2233,
0.1395

■ 10.4642, 0.2071,
0.1135

■ 8.1000, 0.1923,
0.0929

■ 6.6047, 0.1798,
0.0788

Harmonies

Analogous

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



59.9233, 0.3033, 0.3185



59.9233, 0.3086, 0.3185



59.9233, 0.3150, 0.3212

Triad

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



59.9233, 0.3086, 0.3185



59.9233, 0.3250, 0.3366



59.9233, 0.3046, 0.3320

Complementary

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



59.9233, 0.3086, 0.3185



64.2852, 0.3167, 0.3394

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.



59.9233, 0.3104, 0.3370



59.9233, 0.3086, 0.3185



59.9233, 0.3221, 0.3396

Square

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



59.9233, 0.3086, 0.3185



59.9233, 0.3245, 0.3316



59.9233, 0.3168, 0.3398



59.9233, 0.3011, 0.3263

Rectangle

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



59.9233, 0.3086, 0.3185



59.9233, 0.3191, 0.3242



59.9233, 0.3168, 0.3398



59.9233, 0.3064, 0.3339

Sweetspot

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



59.9259, 0.3086, 0.3185



98.0627, 0.3118, 0.3266



62.4586, 0.3062, 0.3257



21.0099, 0.3118, 0.3267



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.



59.9259, 0.3086, 0.3185



90.5563, 0.3078, 0.3166



60.5561, 0.3119, 0.3186



12.5283, 0.3072, 0.3151



3.6814, 0.1751, 0.0738



0.2489, 0.1959, 0.0853

Inverse Universe

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



60.6500, 0.3154, 0.3221



91.8626, 0.3159, 0.3208



63.6603, 0.3135, 0.3395



12.7318, 0.3162, 0.3199



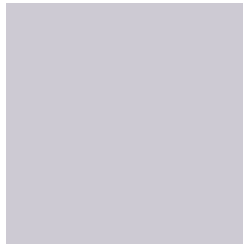
9.5325, 0.4264, 0.2123



0.5474, 0.4023, 0.1990

Previews

White Background



This preview shows how the Yxy color 59.9233, 0.3086, 0.3185 looks on a white background.

Color Contrast Check

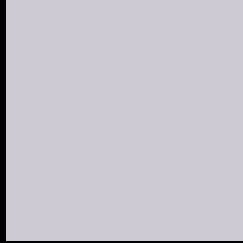
Large Text (above 18pt) WCAG AA × Fail

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 59.9233, 0.3086, 0.3185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

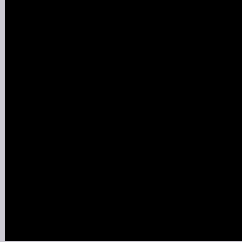
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

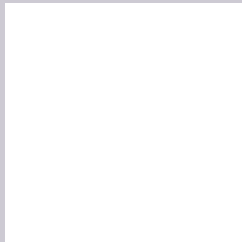
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.9233, 0.3086, 0.3185

Background



This preview shows how black text looks on a background with the Yxy color 59.9233, 0.3086, 0.3185.

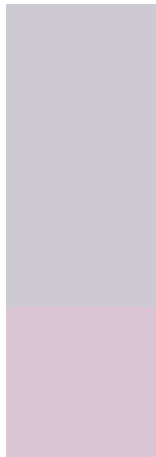


This preview shows how white text looks on a background with the Yxy color 59.9233, 0.3086, 0.3185.

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

59.9233, 0.3086, 0.3185

Protanopia

59.9233, 0.3086, 0.3185

Deuteranopia

59.7460, 0.3190, 0.3121



Tritanopia

59.9049, 0.3052, 0.3106

Trichromacy



Original Color

59.9233, 0.3086, 0.3185

Protanomaly

59.9233, 0.3086, 0.3185

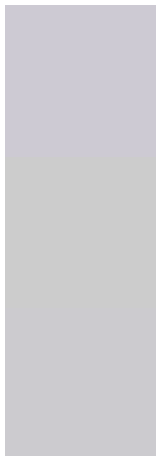
Deuteranomaly

59.8965, 0.3150, 0.3142

Tritanomaly

59.8014, 0.3066, 0.3128

Monochromacy



Original Color

59.9233, 0.3086, 0.3185

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.0542, 0.3106, 0.3243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.9233, 0.3086, 0.3185 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, 202, 211)` looks like.

```
.text, #text, p{  
    color:rgb(205, 202, 211)  
}
```

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, 202, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 202, 211) }
```

Border

The CSS property to change the border of an element to Yxy 59.9233, 0.3086, 0.3185 is called "border". The border property can be set on classes, ids or directly on the HTML element.

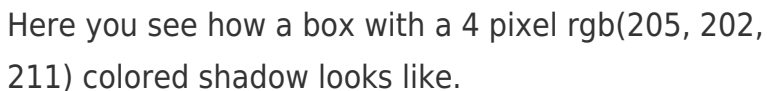
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 202, 211) }
```

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

```
.border{ border-color:rgb(205, 202, 211) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 202, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 202, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 202, 211); box-shadow:4px 4px 4px 4px rgb(205, 202, 211) }
```


Background

The CSS property to change the background color of an element to Yxy 59.9233, 0.3086, 0.3185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 202, 211) }
```

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

```
.background{ background-color: rgb(205,  
202, 211) }
```

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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