

Converting Colors

Yxy(55.4191, 0.3140, 0.3166)

Have a look what the booklet for
Yxy(55.4191, 0.3140, 0.3166)
contains.

Yxy(55.3369, 0.3133, 0.3160)	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(55.3369, 0.3133, 0.3160)

Conversions

Conversions Part 1

Format	Color
Hex	CCC1CC
RGB	204, 193, 204
RGB Percent	80%, 76%, 80%
CMY	0.2001, 0.2431, 0.2000
CMYK	0.00, 0.05, 0.00, 0.20
HSL	300°, 10%, 78%
HSV	300°, 5%, 80%
XYZ	54.8641, 55.3369, 64.9158
YIQ	197.5430, 3.0250, 5.7530

Conversions

Conversions Part 2

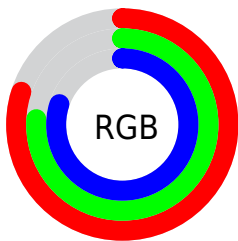
Format	Color
R _Y B	204, 193, 204
Decimal	13418956
CIE Lab	79.23, 5.82, -4.13
CIE LCh	79, 7.135, 324.620
Yxy	55.3369, 0.3133, 0.3160
Android (android.graphics.Color)	4291609036 (0xFFCCC1CC)
YUV	197.5430, 3.1833, 5.6628
Hunter-Lab	74.3888, 1.4691, 0.3324

Details

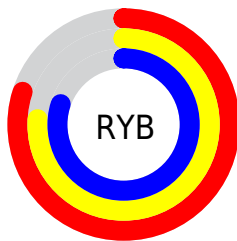
The Yxy color **55.3369, 0.3133, 0.3160** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.3807, 0.3121, 0.3423**, and the grayscale version is **56.1582, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2314, 0.3130, 0.3233**, and **27.4422, 0.3135, 0.3132** is the 20% darker color. If you saturate the color by 10%, you get **46.9239, 0.3144, 0.2913**, and if you desaturate by 10%, it is **64.9988, 0.3122, 0.3399**.

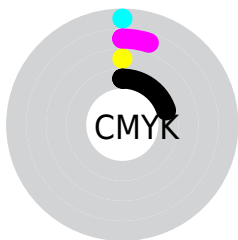
Distribution



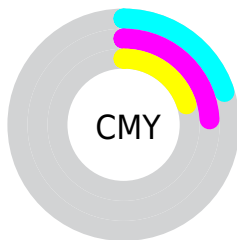
- Red (80%)
- Green (76%)
- Blue (80%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.3369, 0.3133, 0.3160 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 55.3369, 0.3133, 0.3160 by changing the saturation by 10% instead.

■ 55.3369, 0.3133,
0.3160

■ 55.3369, 0.3133,
0.3160

407.1877, 0.3130,
0.3223

■ 39.6715, 0.3134,
0.3145

■ 98.0344, 0.3132,
0.3182

■ 27.2825, 0.3134,
0.3126

125.8353, 0.3132,
0.3191

■ 17.7855, 0.3135,
0.3102

158.4502, 0.3132,
0.3198

■ 10.7961, 0.3136,
0.3069

196.2634, 0.3131,
0.3204

■ 5.9299, 0.3137,
0.3022

239.6594, 0.3131,
0.3210

■ 2.8025, 0.3138,
0.2950

289.0225, 0.3131,

■ 1.0295, 0.3139,

0.3215

0.2824

344.7371, 0.3131,
0.3219

0.0000, 0.2383,
0.0000

0.0000, 0.0000,
0.0000

55.3369, 0.3133,
0.3160

55.3369, 0.3133,
0.3160

46.9239, 0.3144,
0.2913

64.9988, 0.3122,
0.3399

39.7020, 0.3155,
0.2664

75.9502, 0.3112,
0.3625

33.6195, 0.3166,
0.2421

88.2386, 0.3102,
0.3837

28.6183, 0.3176,
0.2192

88.7466, 0.3102,
0.3844

■ 24.6348, 0.3184,
0.1988

■ 88.7551, 0.3103,
0.3844

■ 21.5993, 0.3192,
0.1818

■ 88.7636, 0.3103,
0.3844

■ 19.4328, 0.3197,
0.1687

■ 88.7721, 0.3104,
0.3844

■ 18.0439, 0.3200,
0.1599

■ 88.7807, 0.3104,
0.3844

■ 17.3206, 0.3202,
0.1551

■ 88.7892, 0.3104,
0.3844

Harmonies

Analogous

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



55.3369, 0.3041, 0.3131



55.3369, 0.3133, 0.3160



55.3369, 0.3225, 0.3223

Triad

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



55.3369, 0.3133, 0.3160



55.3369, 0.3284, 0.3438



55.3369, 0.2966, 0.3273

Complementary

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



55.3369, 0.3133, 0.3160



58.3807, 0.3121, 0.3423

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.



55.3369, 0.3029, 0.3358



55.3369, 0.3133, 0.3160



55.3369, 0.3213, 0.3454

Square

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



55.3369, 0.3133, 0.3160



55.3369, 0.3313, 0.3382



55.3369, 0.3119, 0.3425



55.3369, 0.2945, 0.3194

Rectangle

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



55.3369, 0.3133, 0.3160



55.3369, 0.3273, 0.3276



55.3369, 0.3119, 0.3425



55.3369, 0.2983, 0.3302

Sweetspot

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



55.3393, 0.3133, 0.3160



96.7862, 0.3129, 0.3241



53.9269, 0.3046, 0.3159



20.7499, 0.3129, 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.



55.3393, 0.3133, 0.3160



90.6151, 0.3134, 0.3143



55.0934, 0.3173, 0.3223



11.9421, 0.3134, 0.3131



10.7714, 0.3202, 0.1538



0.5562, 0.3203, 0.1538

Inverse Universe

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



54.8366, 0.3216, 0.3290



89.6798, 0.3228, 0.3290



58.6178, 0.3084, 0.3358



11.8081, 0.3237, 0.3290



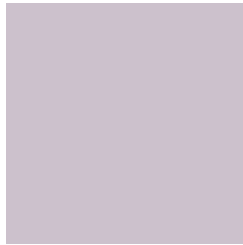
8.0811, 0.6397, 0.3298



0.4171, 0.6385, 0.3291

Previews

White Background



This preview shows how the Yxy color 55.3369, 0.3133, 0.3160 looks on a white background.

Color Contrast Check

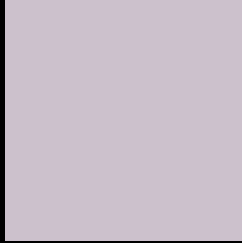
Large Text (above 18pt) WCAG AA × Fail

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 55.3369, 0.3133, 0.3160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

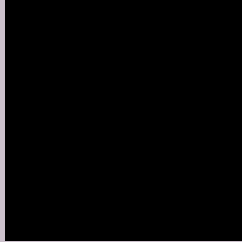
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

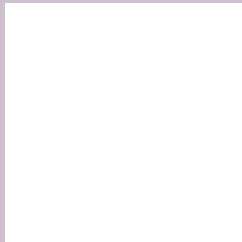
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.3369, 0.3133, 0.3160

Background



This preview shows how black text looks on a background with the Yxy color 55.3369, 0.3133, 0.3160.



This preview shows how white text looks on a background with the Yxy color 55.3369, 0.3133, 0.3160.

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

55.3369, 0.3133, 0.3160

Protanopia

55.3083, 0.3070, 0.3170

Deuteranopia

55.0836, 0.3184, 0.3116



Tritanopia

55.2325, 0.3112, 0.3102

Trichromacy



Original Color

55.3369, 0.3133, 0.3160

Protanomaly

55.2707, 0.3094, 0.3159

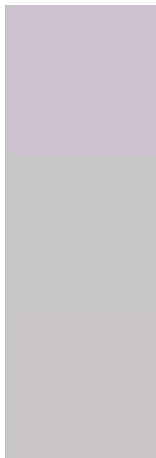
Deuteranomaly

55.0793, 0.3159, 0.3126

Tritanomaly

55.1834, 0.3119, 0.3113

Monochromacy



Original Color

55.3369, 0.3133, 0.3160

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.9293, 0.3129, 0.3242

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.3369, 0.3133, 0.3160 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, 193, 204)` looks like.

```
.text, #text, p{  
    color:rgb(204, 193, 204)  
}
```

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, 193, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 193, 204) }
```

Border

The CSS property to change the border of an element to Yxy 55.3369, 0.3133, 0.3160 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, 193, 204) }
```

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

```
.border{ border-color:rgb(204, 193, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 193, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 193, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 193, 204);  
box-shadow:4px 4px 4px 4px rgb(204, 193,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 55.3369, 0.3133, 0.3160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 193, 204) }
```

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

```
.background{ background-color: rgb(204,  
193, 204) }
```

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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