

Converting Colors

$Y_{xy}(56.1975, 0.3076, 0.3164)$

Have a look what the booklet for
Yxy(56.1975, 0.3076, 0.3164)
contains.

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Color

Yxy(56.1270, 0.3071, 0.3159)

Conversions

Conversions Part 1

Format	Color
Hex	C7C4CF
RGB	199, 196, 207
RGB Percent	78%, 77%, 81%
CMY	0.2194, 0.2314, 0.1883
CMYK	0.04, 0.05, 0.00, 0.19
HSL	257°, 10%, 79%
HSV	257°, 5%, 81%
XYZ	54.5635, 56.1270, 66.9828
YIQ	198.1510, -1.7430, 4.0570

Conversions

Conversions Part 2

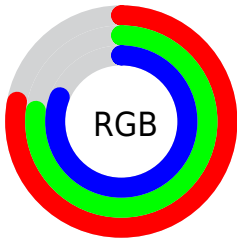
Format	Color
R_{YB}	199, 196, 207
Decimal	13092047
CIE Lab	79.69, 3.11, -5.12
CIE LCh	80, 5.993, 301.279
Yxy	56.1270, 0.3071, 0.3159
Android (android.graphics.Color)	4291282127 (0xFFC7C4CF)
YUV	198.1510, 4.3626, 0.7446
Hunter-Lab	74.9180, -1.1031, -0.5676

Details

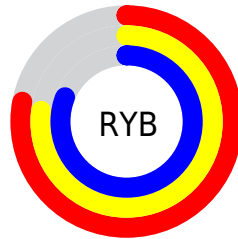
The Yxy color **56.1270, 0.3071, 0.3159** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.4351, 0.3181, 0.3420**, and the grayscale version is **56.5469, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7306, 0.3128, 0.3271**, and **27.6657, 0.3051, 0.3115** is the 20% darker color. If you saturate the color by 10%, you get **45.4808, 0.2953, 0.2892**, and if you desaturate by 10%, it is **68.2672, 0.3173, 0.3399**.

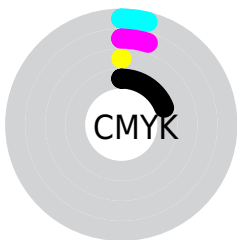
Distribution



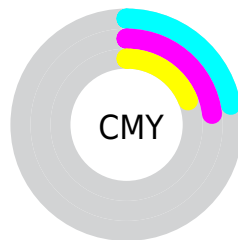
- Red (78%)
- Green (77%)
- Blue (81%)



- Red (78%)
- Yellow (77%)
- Blue (81%)



- Cyan (4%)
- Magenta (5%)
- Yellow (0%)
- Black (19%)



- Cyan (22%)
- Magenta (23%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.1270, 0.3071, 0.3159 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 56.1270, 0.3071, 0.3159 by changing the saturation by 10% instead.

■ 56.1270, 0.3071,
0.3159

■ 56.1270, 0.3071,
0.3159

410.1699, 0.3098,
0.3222

■ 40.3048, 0.3064,
0.3144

99.1902, 0.3081,
0.3181

■ 27.7762, 0.3056,
0.3125

127.2000, 0.3085,
0.3190

■ 18.1571, 0.3045,
0.3100

160.0411, 0.3088,
0.3197

■ 11.0628, 0.3030,
0.3067

198.0979, 0.3090,
0.3204

■ 6.1091, 0.3008,
0.3020

241.7548, 0.3093,
0.3209

■ 2.9115, 0.2974,
0.2947

291.3962, 0.3095,

■ 1.0857, 0.2914,

0.3214

0.2821

347.4064, 0.3097,
0.3218

■ 0.0000, 0.1182,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.1270, 0.3071,
0.3159

■ 56.1270, 0.3071,
0.3159

■ 45.4808, 0.2953,
0.2892

■ 68.2672, 0.3173,
0.3399

■ 36.2632, 0.2817,
0.2599

■ 81.9490, 0.3260,
0.3612

■ 28.4146, 0.2665,
0.2286

■ 95.2400, 0.3338,
0.3772

■ 21.8682, 0.2500,
0.1961

■ 97.2846, 0.3412,
0.3761

■ 16.5518, 0.2325,
0.1638

■ 12.3858, 0.2149,
0.1337

■ 9.2809, 0.1982,
0.1075

■ 7.1344, 0.1835,
0.0873

■ 5.8214, 0.1715,
0.0739

Harmonies

Analogous

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



56.1270, 0.3008, 0.3161



56.1270, 0.3071, 0.3159



56.1270, 0.3150, 0.3191

Triad

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



56.1270, 0.3071, 0.3159



56.1270, 0.3280, 0.3380



56.1270, 0.3031, 0.3332

Complementary

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



56.1270, 0.3071, 0.3159



61.4351, 0.3181, 0.3420

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.



56.1270, 0.3103, 0.3393



56.1270, 0.3071, 0.3159



56.1270, 0.3247, 0.3420

Square

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



56.1270, 0.3071, 0.3159



56.1270, 0.3272, 0.3317



56.1270, 0.3182, 0.3425



56.1270, 0.2985, 0.3260

Rectangle

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



56.1270, 0.3071, 0.3159



56.1270, 0.3201, 0.3227



56.1270, 0.3182, 0.3425



56.1270, 0.3053, 0.3355

Sweetspot

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



56.1294, 0.3071, 0.3159



96.0971, 0.3106, 0.3241



59.4527, 0.3046, 0.3255



20.6096, 0.3107, 0.3243



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.



56.1294, 0.3071, 0.3159



88.5875, 0.3063, 0.3140



56.8784, 0.3113, 0.3161



12.2704, 0.3057, 0.3126



3.4363, 0.1681, 0.0700



0.2321, 0.1880, 0.0810

Inverse Universe

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



57.0971, 0.3156, 0.3197



90.3531, 0.3160, 0.3184



60.6884, 0.3140, 0.3421



12.5379, 0.3163, 0.3174



9.7523, 0.4056, 0.2008



0.5584, 0.3866, 0.1903

Previews

White Background



This preview shows how the Yxy color 56.1270, 0.3071, 0.3159 looks on a white background.

Color Contrast Check

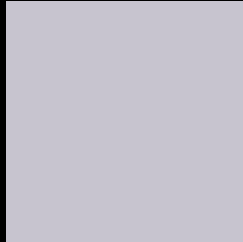
Large Text (above 18pt) WCAG AA × Fail

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 56.1270, 0.3071, 0.3159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

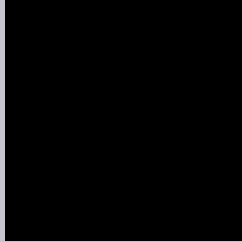
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.1270, 0.3071, 0.3159

Background



This preview shows how black text looks on a background with the Yxy color 56.1270, 0.3071, 0.3159.

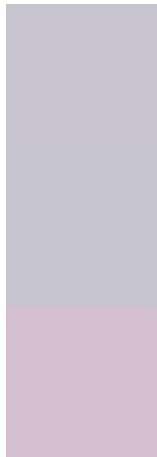


This preview shows how white text looks on a background with the Yxy color 56.1270, 0.3071, 0.3159.

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

56.1270, 0.3071, 0.3159

Protanopia

55.9906, 0.3063, 0.3159

Deuteranopia

56.2504, 0.3168, 0.3105



Tritanopia

56.0127, 0.3050, 0.3101

Trichromacy



Original Color

56.1270, 0.3071, 0.3159

Protanomaly

55.9906, 0.3063, 0.3159

Deuteranomaly

55.9594, 0.3127, 0.3115

Tritanomaly

55.9627, 0.3057, 0.3112

Monochromacy



Original Color

56.1270, 0.3071, 0.3159

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.1553, 0.3106, 0.3242

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.1270, 0.3071, 0.3159 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(199, 196, 207)` looks like.

```
.text, #text, p{  
    color:rgb(199, 196, 207)  
}
```

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(199, 196, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 196, 207) }
```

Border

The CSS property to change the border of an element to Yxy 56.1270, 0.3071, 0.3159 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(199, 196, 207) }
```

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

```
.border{ border-color:rgb(199, 196, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 196, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 196, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 196, 207);  
box-shadow:4px 4px 4px 4px rgb(199, 196,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 56.1270, 0.3071, 0.3159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 196, 207) }
```

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

```
.background{ background-color: rgb(199,  
196, 207) }
```

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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