

Converting Colors

Yxy(56.5089, 0.3133, 0.3173)

Have a look what the booklet for
Yxy(56.5089, 0.3133, 0.3173)
contains.

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Color

Yxy(56.4171, 0.3133, 0.3172)

Conversions

Conversions Part 1

Format	Color
Hex	CDC3CD
RGB	205, 195, 205
RGB Percent	80%, 76%, 80%
CMY	0.1959, 0.2353, 0.1960
CMYK	0.00, 0.05, 0.00, 0.20
HSL	300°, 9%, 78%
HSV	300°, 5%, 80%
XYZ	55.7234, 56.4171, 65.7192
YIQ	199.1300, 2.7500, 5.2300

Conversions

Conversions Part 2

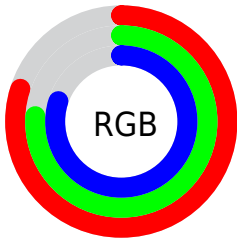
Format	Color
R _Y B	205, 195, 205
Decimal	13485005
CIE Lab	79.85, 5.33, -3.76
CIE LCh	80, 6.520, 324.770
Yxy	56.4171, 0.3133, 0.3172
Android (android.graphics.Color)	4291675085 (0xFFCDC3CD)
YUV	199.1300, 2.8939, 5.1480
Hunter-Lab	75.1113, 0.9804, 0.7017

Details

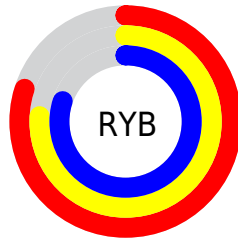
The Yxy color **56.4171, 0.3133, 0.3172** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.2299, 0.3121, 0.3411**, and the grayscale version is **57.1832, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1008, 0.3128, 0.3261**, and **27.8634, 0.3135, 0.3133** is the 20% darker color. If you saturate the color by 10%, you get **47.8499, 0.3145, 0.2926**, and if you desaturate by 10%, it is **66.2509, 0.3121, 0.3410**.

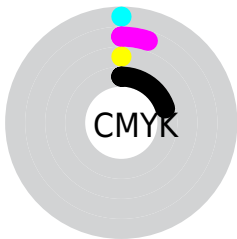
Distribution



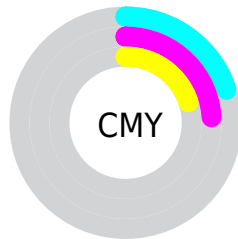
- Red (80%)
- Green (76%)
- Blue (80%)



- 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 56.4171, 0.3133, 0.3172 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 56.4171, 0.3133, 0.3172 by changing the saturation by 10% instead.

■ 56.4171, 0.3133,
0.3172

■ 56.4171, 0.3133,
0.3172

411.2615, 0.3130,
0.3229

■ 40.5374, 0.3134,
0.3158

■ 99.6142, 0.3132,
0.3192

■ 27.9578, 0.3134,
0.3142

127.7003, 0.3132,
0.3200

■ 18.2939, 0.3135,
0.3119

160.6242, 0.3131,
0.3206

■ 11.1612, 0.3136,
0.3090

198.7700, 0.3131,
0.3212

■ 6.1753, 0.3137,
0.3048

242.5223, 0.3131,
0.3217

■ 2.9520, 0.3139,
0.2983

292.2653, 0.3131,

■ 1.1067, 0.3140,

0.3221

0.2872

348.3836, 0.3131,
0.3225

0.0000, 0.3182,
0.0000

0.0000, 0.0000,
0.0000

56.4171, 0.3133,
0.3172

56.4171, 0.3133,
0.3172

47.8499, 0.3145,
0.2926

66.2509, 0.3121,
0.3410

40.4910, 0.3158,
0.2678

77.3922, 0.3110,
0.3635

34.2882, 0.3170,
0.2435

88.9266, 0.3101,
0.3830

29.1827, 0.3182,
0.2207

88.9304, 0.3100,
0.3829

■ 25.1107, 0.3192,
0.2002

■ 88.9341, 0.3100,
0.3828

■ 22.0016, 0.3202,
0.1831

■ 88.9379, 0.3099,
0.3827

■ 19.7761, 0.3209,
0.1699

■ 88.9417, 0.3099,
0.3826

■ 18.3423, 0.3214,
0.1610

■ 88.9455, 0.3098,
0.3825

■ 17.5881, 0.3218,
0.1561

■ 88.9492, 0.3098,
0.3824

Harmonies

Analogous

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



56.4171, 0.3049, 0.3145



56.4171, 0.3133, 0.3172



56.4171, 0.3216, 0.3229

Triad

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



56.4171, 0.3133, 0.3172



56.4171, 0.3269, 0.3425



56.4171, 0.2980, 0.3274

Complementary

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



56.4171, 0.3133, 0.3172



59.2299, 0.3121, 0.3411

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.



56.4171, 0.3038, 0.3352



56.4171, 0.3133, 0.3172



56.4171, 0.3204, 0.3439

Square

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



56.4171, 0.3133, 0.3172



56.4171, 0.3296, 0.3374



56.4171, 0.3120, 0.3413



56.4171, 0.2962, 0.3203

Rectangle

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



56.4171, 0.3133, 0.3172



56.4171, 0.3260, 0.3278



56.4171, 0.3120, 0.3413



56.4171, 0.2996, 0.3301

Sweetspot

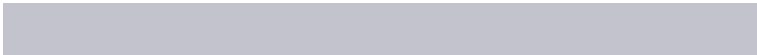
The Sweet Spot groups the original color and five complimentary colors.



56.4195, 0.3133, 0.3172



98.3832, 0.3128, 0.3266



55.0349, 0.3054, 0.3168



21.0751, 0.3128, 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.



56.4195, 0.3133, 0.3172



90.6199, 0.3134, 0.3144



56.1821, 0.3170, 0.3231



11.9428, 0.3135, 0.3132



10.8010, 0.3219, 0.1547



0.5575, 0.3217, 0.1546

Inverse Universe

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



56.4195, 0.3133, 0.3172



90.6199, 0.3134, 0.3144



59.4597, 0.3086, 0.3350



11.9428, 0.3135, 0.3132



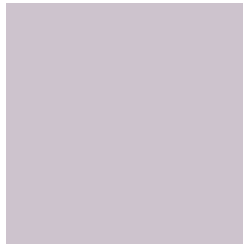
10.8010, 0.3219, 0.1547



0.5575, 0.3217, 0.1546

Previews

White Background



This preview shows how the Yxy color 56.4171, 0.3133, 0.3172 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 56.4171, 0.3133, 0.3172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

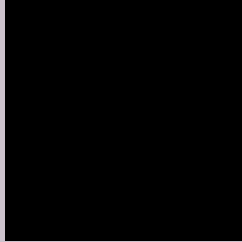
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

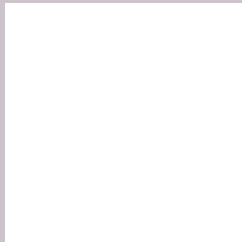
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.4171, 0.3133, 0.3172

Background



This preview shows how black text looks on a background with the Yxy color 56.4171, 0.3133, 0.3172.



This preview shows how white text looks on a background with the Yxy color 56.4171, 0.3133, 0.3172.

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

56.4171, 0.3133, 0.3172

Protanopia

56.5308, 0.3077, 0.3183

Deuteranopia

56.4516, 0.3199, 0.3129



Tritanopia

56.3585, 0.3104, 0.3103

Trichromacy



Original Color

56.4171, 0.3133, 0.3172

Protanomaly

56.3536, 0.3093, 0.3171

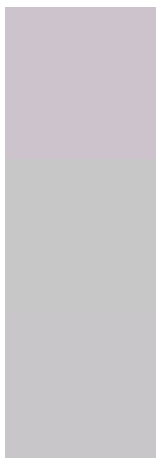
Deuteranomaly

56.4450, 0.3174, 0.3139

Tritanomaly

56.2595, 0.3119, 0.3126

Monochromacy



Original Color

56.4171, 0.3133, 0.3172

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.0227, 0.3129, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.4171, 0.3133, 0.3172 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, 195, 205)` looks like.

```
.text, #text, p{  
    color:rgb(205, 195, 205)  
}
```

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, 195, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 195, 205) }
```

Border

The CSS property to change the border of an element to Yxy 56.4171, 0.3133, 0.3172 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, 195, 205) }
```

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

```
.border{ border-color:rgb(205, 195, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 195, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 195, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 195, 205);  
box-shadow:4px 4px 4px 4px rgb(205, 195,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 56.4171, 0.3133, 0.3172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 195, 205) }
```

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

```
.background{ background-color: rgb(205,  
195, 205) }
```

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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