

Converting Colors

Yxy(56.9020, 0.3131, 0.3178)

Have a look what the booklet for
Yxy(56.9020, 0.3131, 0.3178)
contains.

Yxy(56.8668, 0.3132, 0.3184)	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(56.8668, 0.3132, 0.3184)

Conversions

Conversions Part 1

Format	Color
Hex	CDC4CD
RGB	205, 196, 205
RGB Percent	80%, 77%, 80%
CMY	0.1961, 0.2314, 0.1960
CMYK	0.00, 0.04, 0.00, 0.20
HSL	300°, 8%, 79%
HSV	300°, 4%, 80%
XYZ	55.9381, 56.8668, 65.7969
YIQ	199.7170, 2.4750, 4.7070

Conversions

Conversions Part 2

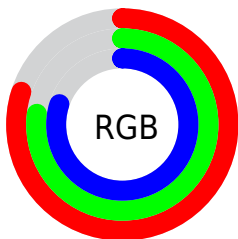
Format	Color
R _{YB}	205, 196, 205
Decimal	13485261
CIE Lab	80.10, 4.77, -3.39
CIE LCh	80, 5.850, 324.587
Yxy	56.8668, 0.3132, 0.3184
Android (android.graphics.Color)	4291675341 (0xFFCDC4CD)
YUV	199.7170, 2.6045, 4.6332
Hunter-Lab	75.4101, 0.4410, 1.0553

Details

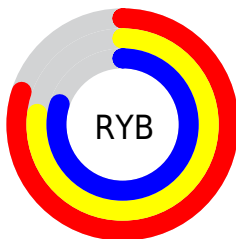
The Yxy color **56.8668, 0.3132, 0.3184** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.3958, 0.3122, 0.3398**, and the grayscale version is **57.5603, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7306, 0.3128, 0.3271**, and **28.1597, 0.3134, 0.3149** is the 20% darker color. If you saturate the color by 10%, you get **48.2380, 0.3143, 0.2938**, and if you desaturate by 10%, it is **66.7643, 0.3121, 0.3422**.

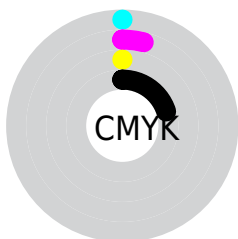
Distribution



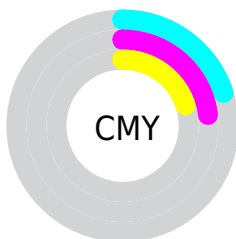
- Red (80%)
- Green (77%)
- Blue (80%)



- Red (80%)
- Yellow (77%)
- Blue (80%)



- Cyan (0%)
- Magenta (4%)
- Yellow (0%)
- Black (20%)



- Cyan (20%)
- Magenta (23%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.8668, 0.3132, 0.3184 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 56.8668, 0.3132, 0.3184 by changing the saturation by 10% instead.

■ 56.8668, 0.3132,
0.3184

■ 56.8668, 0.3132,
0.3184

■ 412.9500, 0.3130,
0.3235

■ 40.8983, 0.3132,
0.3172

■ 100.2708, 0.3131,
0.3202

■ 28.2396, 0.3133,
0.3157

■ 128.4751, 0.3131,
0.3209

■ 18.5064, 0.3134,
0.3137

■ 161.5268, 0.3131,
0.3215

■ 11.3141, 0.3135,
0.3110

■ 199.8103, 0.3131,
0.3220

■ 6.2785, 0.3136,
0.3072

■ 243.7100, 0.3130,
0.3224

■ 3.0152, 0.3137,
0.3015

■ 293.6102, 0.3130,

■ 1.1397, 0.3138,

0.3228

0.2915

349.8954, 0.3130,
0.3232

0.0116, 0.3278,
0.0298

0.0000, 0.0000,
0.0000

56.8668, 0.3132,
0.3184

56.8668, 0.3132,
0.3184

48.2380, 0.3143,
0.2938

66.7643, 0.3121,
0.3422

40.8196, 0.3155,
0.2688

77.9712, 0.3111,
0.3647

34.5597, 0.3166,
0.2444

88.9245, 0.3102,
0.3832

29.3998, 0.3176,
0.2214

88.9300, 0.3103,
0.3832

■ 25.2764, 0.3185,
0.2007

■ 88.9354, 0.3103,
0.3832

■ 22.1194, 0.3193,
0.1833

■ 88.9409, 0.3103,
0.3832

■ 19.8499, 0.3198,
0.1699

■ 88.9464, 0.3103,
0.3832

■ 18.3768, 0.3202,
0.1606

■ 88.9518, 0.3104,
0.3832

■ 17.5897, 0.3204,
0.1556

■ 88.9573, 0.3104,
0.3832

Harmonies

Analogous

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



56.8668, 0.3057, 0.3160



56.8668, 0.3132, 0.3184



56.8668, 0.3207, 0.3235

Triad

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



56.8668, 0.3132, 0.3184



56.8668, 0.3254, 0.3410



56.8668, 0.2996, 0.3277

Complementary

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



56.8668, 0.3132, 0.3184



59.3958, 0.3122, 0.3398

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.



56.8668, 0.3048, 0.3346



56.8668, 0.3132, 0.3184



56.8668, 0.3197, 0.3423

Square

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



56.8668, 0.3132, 0.3184



56.8668, 0.3278, 0.3365



56.8668, 0.3121, 0.3400



56.8668, 0.2979, 0.3212

Rectangle

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



56.8668, 0.3132, 0.3184



56.8668, 0.3246, 0.3279



56.8668, 0.3121, 0.3400



56.8668, 0.3010, 0.3300

Sweetspot

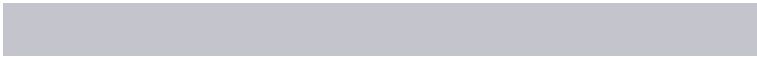
The Sweet Spot groups the original color and five complimentary colors.



56.8692, 0.3132, 0.3184



98.3829, 0.3128, 0.3266



55.6938, 0.3062, 0.3183



21.0750, 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.



56.8692, 0.3132, 0.3184



92.1287, 0.3133, 0.3168



56.6641, 0.3164, 0.3235



12.1273, 0.3133, 0.3154



10.7906, 0.3205, 0.1539



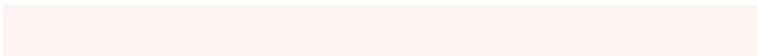
0.5570, 0.3206, 0.1540

Inverse Universe

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



56.4494, 0.3199, 0.3290



91.3405, 0.3211, 0.3290



59.5949, 0.3092, 0.3346



12.0112, 0.3221, 0.3290



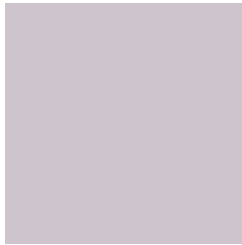
8.0807, 0.6398, 0.3298



0.4170, 0.6391, 0.3294

Previews

White Background



This preview shows how the Yxy color 56.8668, 0.3132, 0.3184 looks on a white background.

Color Contrast Check

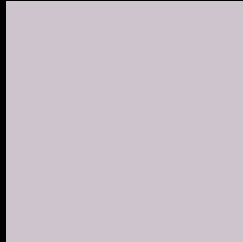
Large Text (above 18pt) WCAG AA × Fail

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 56.8668, 0.3132, 0.3184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

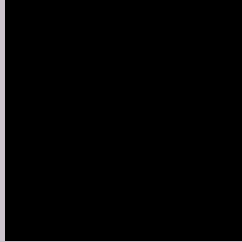
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.8668, 0.3132, 0.3184

Background



This preview shows how black text looks on a background with the Yxy color 56.8668, 0.3132, 0.3184.

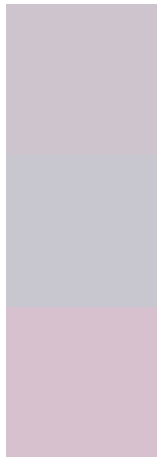


This preview shows how white text looks on a background with the Yxy color 56.8668, 0.3132, 0.3184.

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

56.8668, 0.3132, 0.3184

Protanopia

57.1238, 0.3085, 0.3195

Deuteranopia

57.0432, 0.3207, 0.3141



Tritanopia

56.8552, 0.3097, 0.3104

Trichromacy



Original Color

56.8668, 0.3132, 0.3184

Protanomaly

56.9453, 0.3101, 0.3184

Deuteranomaly

56.8887, 0.3174, 0.3151

Tritanomaly

56.7555, 0.3111, 0.3126

Monochromacy



Original Color

56.8668, 0.3132, 0.3184

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.6677, 0.3129, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.8668, 0.3132, 0.3184 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, 196, 205)` looks like.

```
.text, #text, p{  
    color:rgb(205, 196, 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, 196, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 196, 205) }
```

Border

The CSS property to change the border of an element to Yxy 56.8668, 0.3132, 0.3184 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, 196, 205) }
```

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

```
.border{ border-color:rgb(205, 196, 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, 196, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 196, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 196, 205);  
box-shadow:4px 4px 4px 4px rgb(205, 196,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 56.8668, 0.3132, 0.3184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 196, 205) }
```

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

```
.background{ background-color: rgb(205,  
196, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor