

Converting Colors

Yxy(57.0349, 0.3123, 0.3213)

Have a look what the booklet for
Yxy(57.0349, 0.3123, 0.3213)
contains.

Yxy(56.9886, 0.3123, 0.3207)	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(56.9886, 0.3123, 0.3207)

Conversions

Conversions Part 1

Format	Color
Hex	CBC5CC
RGB	203, 197, 204
RGB Percent	80%, 77%, 80%
CMY	0.2039, 0.2274, 0.1999
CMYK	0.01, 0.03, 0.00, 0.20
HSL	291°, 6%, 79%
HSV	291°, 3%, 80%
XYZ	55.4959, 56.9886, 65.2161
YIQ	199.5920, 1.3290, 3.4490

Conversions

Conversions Part 2

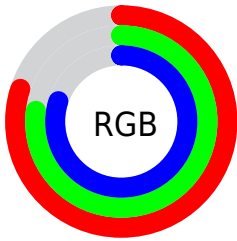
Format	Color
R _Y B	203, 197, 204
Decimal	13354444
CIE Lab	80.17, 3.37, -2.77
CIE LCh	80, 4.361, 320.514
Yxy	56.9886, 0.3123, 0.3207
Android (android.graphics.Color)	4291544524 (0xFFCBC5CC)
YUV	199.5920, 2.1731, 2.9888
Hunter-Lab	75.4908, -0.8873, 1.6232

Details

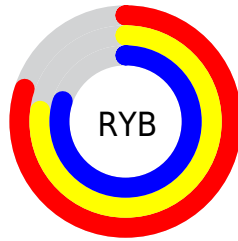
The Yxy color `56.9886, 0.3123, 0.3207` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `59.2380, 0.3131, 0.3374`, and the grayscale version is `57.4827, 0.3127, 0.3290`.

A 20% lighter version of the original color is `99.3636, 0.3128, 0.3281`, and `28.2365, 0.3122, 0.3180` is the 20% darker color. If you saturate the color by 10%, you get `47.9302, 0.3109, 0.2958`, and if you desaturate by 10%, it is `67.3139, 0.3134, 0.3443`.

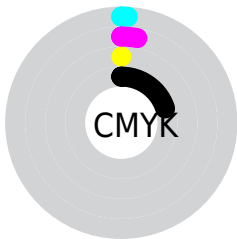
Distribution



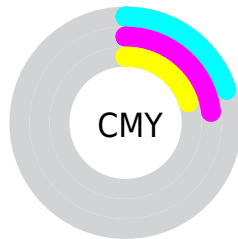
- Red (80%)
- Green (77%)
- Blue (80%)



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



- Cyan (1%)
- Magenta (3%)
- Yellow (0%)
- Black (20%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.9886, 0.3123, 0.3207 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 56.9886, 0.3123, 0.3207 by changing the saturation by 10% instead.

■ 56.9886, 0.3123,
0.3207

■ 56.9886, 0.3123,
0.3207

413.4066, 0.3125,
0.3247

■ 40.9961, 0.3122,
0.3197

100.4486, 0.3124,
0.3221

■ 28.3160, 0.3122,
0.3185

128.6848, 0.3124,
0.3227

■ 18.5640, 0.3121,
0.3170

161.7710, 0.3124,
0.3231

■ 11.3557, 0.3119,
0.3149

200.0917, 0.3125,
0.3235

■ 6.3066, 0.3117,
0.3119

244.0312, 0.3125,
0.3239

■ 3.0324, 0.3114,
0.3073

293.9739, 0.3125,

■ 1.1487, 0.3108,

0.3242

0.2994

350.3043, 0.3125,
0.3245

0.0192, 0.3003,
0.0574

0.0000, 0.0000,
0.0000

56.9886, 0.3123,
0.3207

56.9886, 0.3123,
0.3207

47.9302, 0.3109,
0.2958

67.3139, 0.3134,
0.3443

40.0812, 0.3090,
0.2701

78.9460, 0.3142,
0.3664

33.3907, 0.3068,
0.2442

89.8669, 0.3150,
0.3836

27.8013, 0.3042,
0.2191

90.3130, 0.3169,
0.3833

■ 23.2506, 0.3011,
0.1958

■ 90.7672, 0.3187,
0.3830

■ 19.6700, 0.2978,
0.1752

■ 91.2297, 0.3206,
0.3827

■ 16.9827, 0.2941,
0.1583

■ 91.7005, 0.3225,
0.3824

■ 15.0998, 0.2904,
0.1456

■ 92.1796, 0.3244,
0.3821

■ 13.9146, 0.2866,
0.1375

■ 92.6670, 0.3264,
0.3817

Harmonies

Analogous

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



56.9886, 0.3068, 0.3193



56.9886, 0.3123, 0.3207



56.9886, 0.3179, 0.3243

Triad

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



56.9886, 0.3123, 0.3207



56.9886, 0.3226, 0.3376



56.9886, 0.3033, 0.3287

Complementary

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



56.9886, 0.3123, 0.3207



59.2380, 0.3131, 0.3374

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.



56.9886, 0.3075, 0.3338



56.9886, 0.3123, 0.3207



56.9886, 0.3186, 0.3389

Square

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



56.9886, 0.3123, 0.3207



56.9886, 0.3239, 0.3341



56.9886, 0.3131, 0.3375



56.9886, 0.3017, 0.3238

Rectangle

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



56.9886, 0.3123, 0.3207



56.9886, 0.3210, 0.3275



56.9886, 0.3131, 0.3375



56.9886, 0.3045, 0.3305

Sweetspot

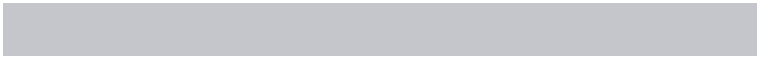
The Sweet Spot groups the original color and five complimentary colors.



56.9911, 0.3123, 0.3207



98.3133, 0.3126, 0.3266



56.6452, 0.3076, 0.3218



21.0609, 0.3126, 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.



56.9911, 0.3123, 0.3207



93.3828, 0.3122, 0.3192



57.0183, 0.3149, 0.3236



12.2717, 0.3121, 0.3176



8.4576, 0.2846, 0.1342



0.4595, 0.2921, 0.1383

Inverse Universe

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



56.8529, 0.3175, 0.3278



93.1154, 0.3184, 0.3276



59.2129, 0.3106, 0.3345



12.2308, 0.3194, 0.3274



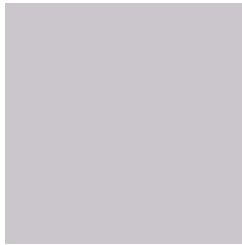
8.1467, 0.6188, 0.3183



0.4291, 0.5720, 0.2925

Previews

White Background



This preview shows how the Yxy color 56.9886, 0.3123, 0.3207 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 56.9886, 0.3123, 0.3207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

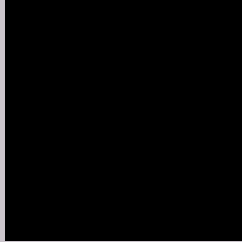
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

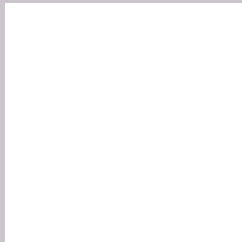
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.9886, 0.3123, 0.3207

Background



This preview shows how black text looks on a background with the Yxy color 56.9886, 0.3123, 0.3207.

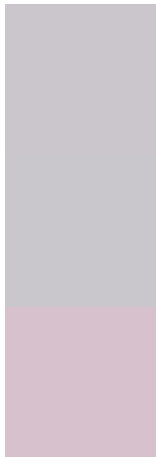


This preview shows how white text looks on a background with the Yxy color 56.9886, 0.3123, 0.3207.

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

56.9886, 0.3123, 0.3207

Protanopia

57.1653, 0.3107, 0.3219

Deuteranopia

56.9948, 0.3214, 0.3152



Tritanopia

57.0204, 0.3081, 0.3114

Trichromacy



Original Color

56.9886, 0.3123, 0.3207

Protanomaly

57.3044, 0.3115, 0.3219

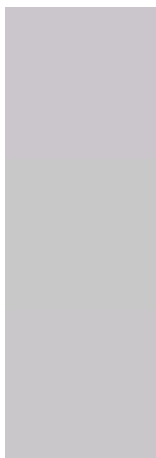
Deuteranomaly

56.8402, 0.3181, 0.3163

Tritanomaly

56.8713, 0.3102, 0.3149

Monochromacy



Original Color

56.9886, 0.3123, 0.3207

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.4814, 0.3128, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.9886, 0.3123, 0.3207 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(203, 197, 204)` looks like.

```
.text, #text, p{  
    color:rgb(203, 197, 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(203, 197, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 197, 204) }
```

Border

The CSS property to change the border of an element to Yxy 56.9886, 0.3123, 0.3207 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(203, 197, 204) }
```

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

```
.border{ border-color:rgb(203, 197, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 197, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 197, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 197, 204);  
box-shadow:4px 4px 4px 4px rgb(203, 197,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 56.9886, 0.3123, 0.3207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 197, 204) }
```

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

```
.background{ background-color: rgb(203,  
197, 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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