

Converting Colors

Yxy(56.2056, 0.3154, 0.3168)

Have a look what the booklet for
Yxy(56.2056, 0.3154, 0.3168)
contains.

Yxy(56.2086, 0.3157, 0.3173)	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(56.2086, 0.3157, 0.3173)

Conversions

Conversions Part 1

Format	Color
Hex	CFC2CC
RGB	207, 194, 204
RGB Percent	81%, 76%, 80%
CMY	0.1881, 0.2392, 0.2001
CMYK	0.00, 0.06, 0.01, 0.19
HSL	314°, 12%, 79%
HSV	314°, 6%, 81%
XYZ	55.9252, 56.2086, 65.0128
YIQ	199.0270, 4.5380, 5.8660

Conversions

Conversions Part 2

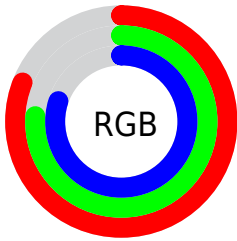
Format	Color
RYP	207, 194, 204
Decimal	13615820
CIELab	79.73, 6.34, -3.36
CIElCh	80, 7.174, 332.096
Yxy	56.2086, 0.3157, 0.3173
Android (android.graphics.Color)	4291805900 (0xFFCFC2CC)
YUV	199.0270, 2.4517, 6.9923
Hunter-Lab	74.9724, 1.9492, 1.0670

Details

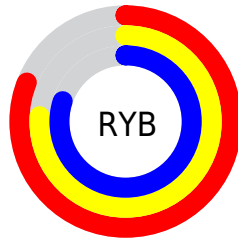
The Yxy color `56.2086, 0.3157, 0.3173` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `60.1397, 0.3099, 0.3410`, and the grayscale version is `57.1155, 0.3127, 0.3290`.

A 20% lighter version of the original color is `96.8512, 0.3129, 0.3242`, and `27.7305, 0.3167, 0.3134` is the 20% darker color. If you saturate the color by 10%, you get `47.4000, 0.3211, 0.2980`, and if you desaturate by 10%, it is `66.3129, 0.3111, 0.3357`.

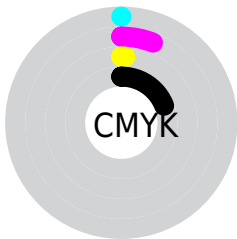
Distribution



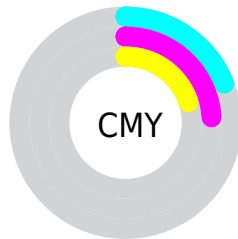
- Red (81%)
- Green (76%)
- Blue (80%)



- Red (81%)
- Yellow (76%)
- Blue (80%)



- Cyan (0%)
- Magenta (6%)
- Yellow (1%)
- Black (19%)




- Cyan (19%)
- Magenta (24%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.2086, 0.3157, 0.3173 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 56.2086, 0.3157, 0.3173 by changing the saturation by 10% instead.

 56.2086, 0.3157,
0.3173

 56.2086, 0.3157,
0.3173


410.4772, 0.3143,
0.3229

 40.3702, 0.3160,
0.3160

 99.3095, 0.3152,
0.3193

 27.8273, 0.3165,
0.3143


127.3408, 0.3150,
0.3201

 18.1955, 0.3170,
0.3121


160.2052, 0.3148,
0.3207

 11.0904, 0.3177,
0.3091

198.2870, 0.3147,
0.3213

 6.1277, 0.3187,
0.3050

241.9708, 0.3146,
0.3218

 2.9229, 0.3203,
0.2986

291.6408, 0.3145,

 1.0916, 0.3229,

0.3222

0.2875

347.6814, 0.3144,
0.3226

0.0000, 0.3847,
0.0000

0.0000, 0.0000,
0.0000

56.2086, 0.3157,
0.3173

56.2086, 0.3157,
0.3173

47.4000, 0.3211,
0.2980

66.3129, 0.3111,
0.3357

39.8271, 0.3273,
0.2783

77.7556, 0.3072,
0.3530

33.4359, 0.3344,
0.2588

89.8773, 0.3039,
0.3680

28.1653, 0.3423,
0.2401

90.1355, 0.3013,
0.3627

■ 23.9492, 0.3509,
0.2232

■ 90.4011, 0.2986,
0.3574

■ 20.7141, 0.3601,
0.2093

■ 90.6742, 0.2960,
0.3521

■ 18.3773, 0.3695,
0.1991

■ 90.9549, 0.2934,
0.3469

■ 16.8423, 0.3789,
0.1935

■ 91.2433, 0.2908,
0.3418

■ 15.9869, 0.3879,
0.1926

■ 91.5395, 0.2882,
0.3367

Harmonies

Analogous

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



56.2086, 0.3062, 0.3134



56.2086, 0.3157, 0.3173



56.2086, 0.3245, 0.3242

Triad

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



56.2086, 0.3157, 0.3173



56.2086, 0.3269, 0.3446



56.2086, 0.2956, 0.3252

Complementary

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



56.2086, 0.3157, 0.3173



60.1397, 0.3099, 0.3410

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.



56.2086, 0.3010, 0.3338



56.2086, 0.3157, 0.3173



56.2086, 0.3190, 0.3451

Square

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



56.2086, 0.3157, 0.3173



56.2086, 0.3310, 0.3399



56.2086, 0.3096, 0.3412



56.2086, 0.2947, 0.3178

Rectangle

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



56.2086, 0.3157, 0.3173



56.2086, 0.3287, 0.3297



56.2086, 0.3096, 0.3412



56.2086, 0.2970, 0.3280

Sweetspot

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



56.2110, 0.3157, 0.3173



96.7125, 0.3136, 0.3253



54.9655, 0.3056, 0.3134



20.7349, 0.3136, 0.3255



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.



56.2110, 0.3157, 0.3173



87.3642, 0.3166, 0.3139



55.9055, 0.3206, 0.3249



11.9598, 0.3173, 0.3114



9.9407, 0.3901, 0.1922



0.5676, 0.3748, 0.1838

Inverse Universe

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



56.2110, 0.3157, 0.3173



87.3642, 0.3166, 0.3139



60.4445, 0.3054, 0.3331



11.9598, 0.3173, 0.3114



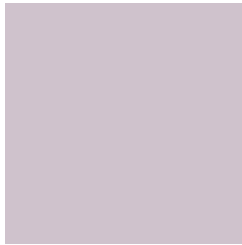
9.9407, 0.3901, 0.1922



0.5676, 0.3748, 0.1838

Previews

White Background



This preview shows how the Yxy color 56.2086, 0.3157, 0.3173 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 56.2086, 0.3157, 0.3173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

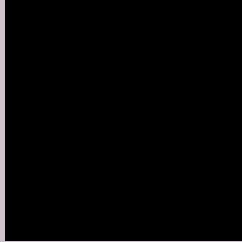
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

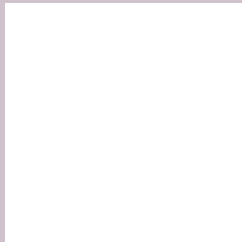
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.2086, 0.3157, 0.3173

Background



This preview shows how black text looks on a background with the Yxy color 56.2086, 0.3157, 0.3173.



This preview shows how white text looks on a background with the Yxy color 56.2086, 0.3157, 0.3173.

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

56.2086, 0.3157, 0.3173

Protanopia

56.4824, 0.3085, 0.3195

Deuteranopia

56.3550, 0.3215, 0.3152



Tritanopia

56.1039, 0.3135, 0.3115

Trichromacy



Original Color

56.2086, 0.3157, 0.3173

Protanomaly

56.4442, 0.3109, 0.3183

Deuteranomaly

56.3484, 0.3189, 0.3162

Tritanomaly

56.0548, 0.3143, 0.3127

Monochromacy



Original Color

56.2086, 0.3157, 0.3173

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.7061, 0.3137, 0.3242

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.2086, 0.3157, 0.3173 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(207, 194, 204)` looks like.

```
.text, #text, p{  
    color:rgb(207, 194, 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(207, 194, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 194, 204) }
```

Border

The CSS property to change the border of an element to Yxy 56.2086, 0.3157, 0.3173 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(207, 194, 204) }
```

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

```
.border{ border-color:rgb(207, 194, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 194, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 194, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 194, 204);  
box-shadow:4px 4px 4px 4px rgb(207, 194,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 56.2086, 0.3157, 0.3173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 194, 204) }
```

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

```
.background{ background-color: rgb(207,  
194, 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](#).

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