

Converting Colors

Yxy(57.1463, 0.3385, 0.3893)

Have a look what the booklet for
Yxy(57.1463, 0.3385, 0.3893)
contains.

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Color

Yxy(56.9235, 0.3389, 0.3890)

Conversions

Conversions Part 1

Format	Color
Hex	C1CC9C
RGB	193, 204, 156
RGB Percent	76%, 80%, 61%
CMY	0.2430, 0.2000, 0.3883
CMYK	0.05, 0.00, 0.24, 0.20
HSL	74°, 32%, 71%
HSV	74°, 24%, 80%
XYZ	49.5922, 56.9235, 39.8172
YIQ	195.2390, 8.8520, -17.2600

Conversions

Conversions Part 2

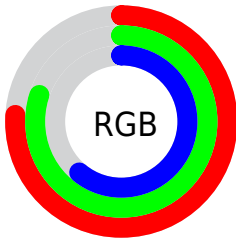
Format	Color
RYB	156, 204, 167
Decimal	12700828
CIELab	80.14, -11.85, 22.73
CIELCh	80, 25.637, 117.542
Yxy	56.9235, 0.3389, 0.3890
Android (android.graphics.Color)	4290890908 (0xFFC1CC9C)
YUV	195.2390, -19.3448, -1.9636
Hunter-Lab	75.4477, -14.7042, 21.5233

Details

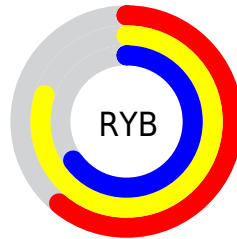
The Yxy color $56.9235, 0.3389, 0.3890$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $36.3388, 0.2822, 0.2650$, and the grayscale version is $54.8407, 0.3127, 0.3290$.

A 20% lighter version of the original color is $96.5471, 0.3355, 0.3725$, and $28.3011, 0.3454, 0.4064$ is the 20% darker color. If you saturate the color by 10%, you get $55.6898, 0.3497, 0.4158$, and if you desaturate by 10%, it is $58.2976, 0.3277, 0.3627$.

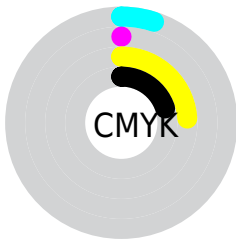
Distribution



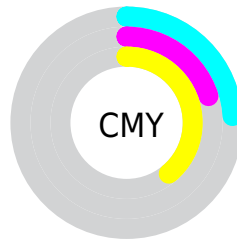
- Red (76%)
- Green (80%)
- Blue (61%)



- Red (61%)
- Yellow (80%)
- Blue (65%)



- Cyan (5%)
- Magenta (0%)
- Yellow (24%)
- Black (20%)





- Cyan (24%)
- Magenta (20%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.9235, 0.3389, 0.3890 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 56.9235, 0.3389, 0.3890 by changing the saturation by 10% instead.


 56.9235, 0.3389,
0.3890

 56.9235, 0.3389,
0.3890


413.1626, 0.3267,
0.3594

 40.9438, 0.3417,
0.3962


 100.3536, 0.3347,
0.3784

 28.2752, 0.3451,
0.4054


 128.5727, 0.3330,
0.3743

 18.5332, 0.3493,
0.4174


161.6405, 0.3316,
0.3709

 11.3335, 0.3546,
0.4338

199.9413, 0.3304,
0.3680

 6.2916, 0.3614,
0.4572

243.8595, 0.3293,
0.3654

 3.0232, 0.3698,
0.4934

293.7796, 0.3283,

 1.1439, 0.4046,

0.3632

0.5954

350.0858, 0.3274,
0.3612

0.0151, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

56.9235, 0.3389,
0.3890

56.9235, 0.3389,
0.3890

55.6898, 0.3497,
0.4158

58.2976, 0.3277,
0.3627

54.5828, 0.3597,
0.4421

59.8100, 0.3166,
0.3376

53.5988, 0.3682,
0.4671

61.4686, 0.3058,
0.3139

52.7305, 0.3750,
0.4895

63.2781, 0.2954,
0.2920

■ 51.9701, 0.3794,
0.5084

■ 65.0500, 0.2875,
0.2748

■ 51.3083, 0.3813,
0.5228

■ 65.7704, 0.2908,
0.2753

■ 50.7342, 0.3806,
0.5326

■ 66.5110, 0.2940,
0.2759

■ 50.3972, 0.3792,
0.5371

■ 67.2720, 0.2973,
0.2764

■ 68.0536, 0.3006,
0.2769

Harmonies

Analogous

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



56.9235, 0.3662, 0.3822



56.9235, 0.3389, 0.3890



56.9235, 0.3055, 0.3775

Triad

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



56.9235, 0.3389, 0.3890



56.9235, 0.2503, 0.2914



56.9235, 0.3503, 0.3078

Complementary

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



56.9235, 0.3389, 0.3890



36.3388, 0.2822, 0.2650

Split Complementary

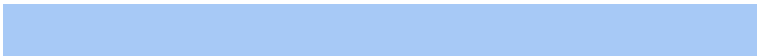
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



56.9235, 0.3172, 0.2865



56.9235, 0.3389, 0.3890



56.9235, 0.2606, 0.2764

Square

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



56.9235, 0.3389, 0.3890



56.9235, 0.2554, 0.3183



56.9235, 0.2845, 0.2751



56.9235, 0.3735, 0.3348

Rectangle

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



56.9235, 0.3389, 0.3890



56.9235, 0.2844, 0.3608



56.9235, 0.2845, 0.2751



56.9235, 0.3398, 0.2999

Sweetspot

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



56.9260, 0.3389, 0.3890



98.1390, 0.3205, 0.3463



42.6489, 0.3580, 0.3423



20.9726, 0.3212, 0.3479



0.0000, 0.0000, 0.0000



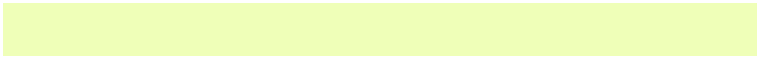
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



56.9260, 0.3389, 0.3890



93.2642, 0.3442, 0.4019



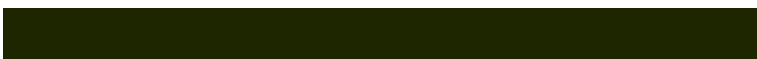
54.0831, 0.3201, 0.3927



12.9627, 0.3231, 0.3521



31.7657, 0.3798, 0.5366



1.6712, 0.3879, 0.5302

Inverse Universe

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



36.3388, 0.2822, 0.2650



53.5993, 0.2748, 0.2501



39.1279, 0.3030, 0.2687



10.9654, 0.3017, 0.3053



3.1526, 0.1629, 0.0671



0.1979, 0.1831, 0.0782

Previews

White Background



This preview shows how the Yxy color 56.9235, 0.3389, 0.3890 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 56.9235, 0.3389, 0.3890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

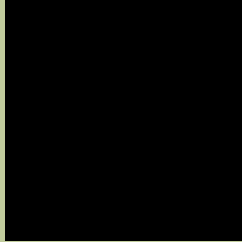
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

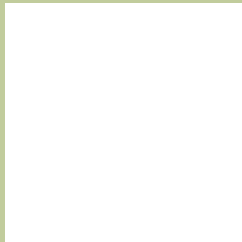
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.9235, 0.3389, 0.3890

Background



This preview shows how black text looks on a background with the Yxy color 56.9235, 0.3389, 0.3890.



This preview shows how white text looks on a background with the Yxy color 56.9235, 0.3389, 0.3890.

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

56.9235, 0.3389, 0.3890

Protanopia

56.6851, 0.3586, 0.3829

Deuteranopia

56.7537, 0.3725, 0.3654



Tritanopia

57.1035, 0.3050, 0.3114

Trichromacy



Original Color

56.9235, 0.3389, 0.3890

Protanomaly

56.6208, 0.3513, 0.3850

Deuteranomaly

56.7002, 0.3596, 0.3739

Tritanomaly

57.1201, 0.3170, 0.3387

Monochromacy



Original Color

56.9235, 0.3389, 0.3890

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.1937, 0.3221, 0.3501

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.9235, 0.3389, 0.3890 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(193, 204, 156)` looks like.

```
.text, #text, p{  
    color:rgb(193, 204, 156)  
}
```

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(193, 204, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 204, 156) }
```

Border

The CSS property to change the border of an element to Yxy 56.9235, 0.3389, 0.3890 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(193, 204, 156) }
```

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

```
.border{ border-color:rgb(193, 204, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 204, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 204, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 204, 156);  
box-shadow:4px 4px 4px 4px rgb(193, 204,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 56.9235, 0.3389, 0.3890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 204, 156) }
```

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

```
.background{ background-color: rgb(193,  
204, 156) }
```

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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