

Converting Colors

Yxy(57.0354, 0.3346, 0.3843)

Have a look what the booklet for
Yxy(57.0354, 0.3346, 0.3843)
contains.

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Color

Yxy(56.9303, 0.3351, 0.3841)

Conversions

Conversions Part 1

Format	Color
Hex	COCCA0
RGB	192, 204, 160
RGB Percent	75%, 80%, 63%
CMY	0.2472, 0.1999, 0.3726
CMYK	0.06, 0.00, 0.22, 0.20
HSL	76°, 30%, 71%
HSV	76°, 22%, 80%
XYZ	49.6676, 56.9303, 41.6194
YIQ	195.3960, 6.9720, -16.2280

Conversions

Conversions Part 2

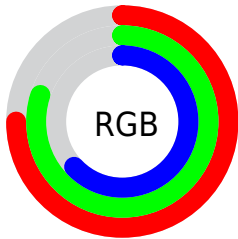
Format	Color
RYB	160, 204, 172
Decimal	12635296
CIELab	80.14, -11.67, 20.61
CIELCh	80, 23.685, 119.511
Yxy	56.9303, 0.3351, 0.3841
Android (android.graphics.Color)	4290825376 (0xFFC0CCA0)
YUV	195.3960, -17.4502, -2.9783
Hunter-Lab	75.4522, -14.5407, 20.1121

Details

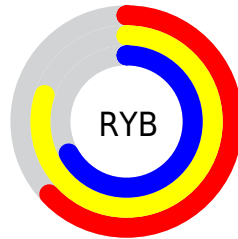
The Yxy color **56.9303, 0.3351, 0.3841** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.2706, 0.2869, 0.2711**, and the grayscale version is **54.9219, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5660, 0.3324, 0.3686**, and **28.2987, 0.3404, 0.3999** is the 20% darker color. If you saturate the color by 10%, you get **55.5613, 0.3452, 0.4112**, and if you desaturate by 10%, it is **58.4491, 0.3247, 0.3578**.

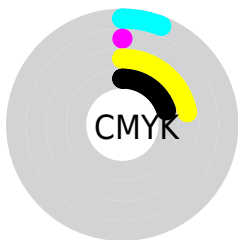
Distribution



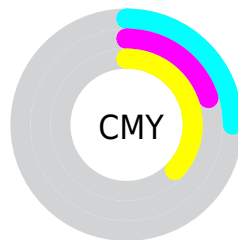
- Red (75%)
- Green (80%)
- Blue (63%)



- Red (63%)
- Yellow (80%)
- Blue (67%)



- Cyan (6%)
- Magenta (0%)
- Yellow (22%)
- Black (20%)





- Cyan (25%)
- Magenta (20%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.9303, 0.3351, 0.3841 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 56.9303, 0.3351, 0.3841 by changing the saturation by 10% instead.


 56.9303, 0.3351,
0.3841

 56.9303, 0.3351,
0.3841


413.1881, 0.3246,
0.3569

 40.9493, 0.3375,
0.3908


 100.3635, 0.3315,
0.3743

 28.2795, 0.3404,
0.3992


 128.5844, 0.3301,
0.3706

 18.5364, 0.3440,
0.4103


161.6542, 0.3288,
0.3675

 11.3358, 0.3487,
0.4255

199.9570, 0.3278,
0.3648

 6.2932, 0.3546,
0.4473

243.8775, 0.3269,
0.3624

 3.0242, 0.3620,
0.4810

293.7999, 0.3260,

 1.1444, 0.4060,

0.3604

0.5940

350.1086, 0.3253,
0.3585

0.0155, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

56.9303, 0.3351,
0.3841

56.9303, 0.3351,
0.3841

55.5613, 0.3452,
0.4112

58.4491, 0.3247,
0.3578

54.3287, 0.3545,
0.4383

60.1159, 0.3143,
0.3328

53.2283, 0.3626,
0.4644

61.9384, 0.3043,
0.3095

52.2532, 0.3689,
0.4883

63.9217, 0.2947,
0.2881

■ 51.3955, 0.3730,
0.5088

■ 65.6120, 0.2900,
0.2753

■ 50.6460, 0.3746,
0.5251

■ 66.4975, 0.2939,
0.2759

■ 49.9942, 0.3737,
0.5367

■ 67.4124, 0.2978,
0.2765

■ 49.5052, 0.3714,
0.5433

■ 68.3570, 0.3018,
0.2771

■ 69.3315, 0.3058,
0.2777

Harmonies

Analogous

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



56.9303, 0.3609, 0.3792



56.9303, 0.3351, 0.3841



56.9303, 0.3042, 0.3724

Triad

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



56.9303, 0.3351, 0.3841



56.9303, 0.2550, 0.2930



56.9303, 0.3492, 0.3110

Complementary

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



56.9303, 0.3351, 0.3841



38.2706, 0.2869, 0.2711

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.



56.9303, 0.3191, 0.2906



56.9303, 0.3351, 0.3841



56.9303, 0.2655, 0.2798

Square

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



56.9303, 0.3351, 0.3841



56.9303, 0.2588, 0.3174



56.9303, 0.2885, 0.2793



56.9303, 0.3697, 0.3362

Rectangle

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



56.9303, 0.3351, 0.3841



56.9303, 0.2849, 0.3565



56.9303, 0.2885, 0.2793



56.9303, 0.3398, 0.3034

Sweetspot

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



56.9328, 0.3351, 0.3841



98.2677, 0.3190, 0.3438



44.7775, 0.3529, 0.3439



20.9942, 0.3197, 0.3455



0.0000, 0.0000, 0.0000



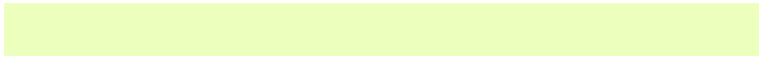
21.4041, 0.3127, 0.3290

Same Dimension

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



56.9328, 0.3351, 0.3841



93.1598, 0.3400, 0.3969



54.3060, 0.3178, 0.3872



12.9363, 0.3224, 0.3522



31.2016, 0.3721, 0.5428



1.6460, 0.3817, 0.5351

Inverse Universe

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



38.2706, 0.2869, 0.2711



56.7301, 0.2801, 0.2568



40.9310, 0.3059, 0.2743



10.9901, 0.3024, 0.3053



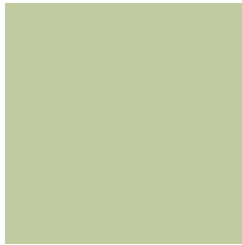
3.3104, 0.1677, 0.0698



0.2092, 0.1892, 0.0816

Previews

White Background



This preview shows how the Yxy color 56.9303, 0.3351, 0.3841 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 56.9303, 0.3351, 0.3841 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

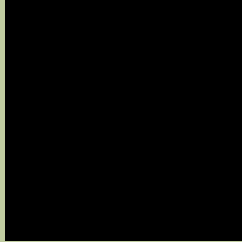
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

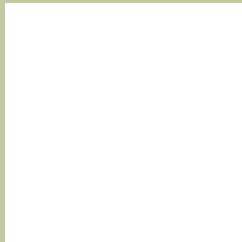
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.9303, 0.3351, 0.3841

Background



This preview shows how black text looks on a background with the Yxy color 56.9303, 0.3351, 0.3841.



This preview shows how white text looks on a background with the Yxy color 56.9303, 0.3351, 0.3841.

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

56.9303, 0.3351, 0.3841

Protanopia

56.6714, 0.3546, 0.3782

Deuteranopia

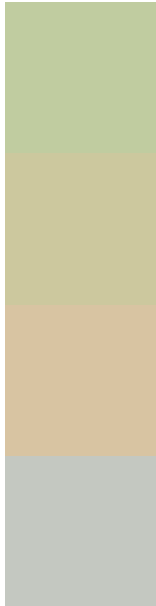
56.7289, 0.3683, 0.3610



Tritanopia

56.8281, 0.3035, 0.3113

Trichromacy



Original Color

56.9303, 0.3351, 0.3841

Protanomaly

56.6145, 0.3474, 0.3802

Deuteranomaly

56.6874, 0.3555, 0.3693

Tritanomaly

56.8946, 0.3147, 0.3375

Monochromacy



Original Color

56.9303, 0.3351, 0.3841

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.2349, 0.3213, 0.3488

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.9303, 0.3351, 0.3841 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(192, 204, 160)` looks like.

```
.text, #text, p{  
    color:rgb(192, 204, 160)  
}
```

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(192, 204, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 204, 160) }
```

Border

The CSS property to change the border of an element to Yxy 56.9303, 0.3351, 0.3841 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(192, 204, 160) }
```

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

```
.border{ border-color:rgb(192, 204, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 204, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 204, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 204, 160);  
box-shadow:4px 4px 4px 4px rgb(192, 204,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 56.9303, 0.3351, 0.3841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 204, 160) }
```

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

```
.background{ background-color: rgb(192,  
204, 160) }
```

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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