

Converting Colors

Yxy(56.4196, 0.3404, 0.3909)

Have a look what the booklet for
Yxy(56.4196, 0.3404, 0.3909)
contains.

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Color

Yxy(56.3824, 0.3405, 0.3904)

Conversions

Conversions Part 1

Format	Color
Hex	C1CB9A
RGB	193, 203, 154
RGB Percent	76%, 80%, 60%
CMY	0.2432, 0.2039, 0.3961
CMYK	0.05, 0.00, 0.24, 0.20
HSL	72°, 32%, 70%
HSV	72°, 24%, 80%
XYZ	49.1757, 56.3824, 38.8640
YIQ	194.4240, 9.7690, -17.3590

Conversions

Conversions Part 2

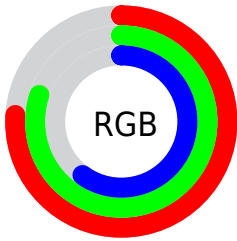
Format	Color
RYB	154, 203, 164
Decimal	12700570
CIELab	79.83, -11.67, 23.36
CIELCh	80, 26.107, 116.545
Yxy	56.3824, 0.3405, 0.3904
Android (android.graphics.Color)	4290890650 (0xFFC1CB9A)
YUV	194.4240, -19.9290, -1.2488
Hunter-Lab	75.0882, -14.5036, 21.8746

Details

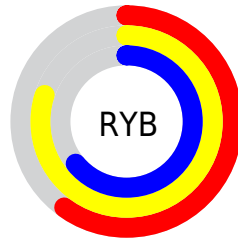
The Yxy color **56.3824, 0.3405, 0.3904** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.3224, 0.2803, 0.2630**, and the grayscale version is **54.3281, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4474, 0.3367, 0.3745**, and **27.9631, 0.3467, 0.4066** is the 20% darker color. If you saturate the color by 10%, you get **55.2257, 0.3517, 0.4169**, and if you desaturate by 10%, it is **57.6739, 0.3289, 0.3642**.

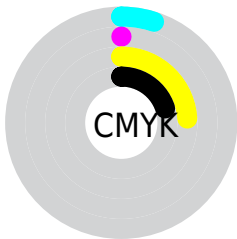
Distribution



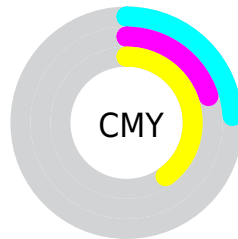
- Red (76%)
- Green (80%)
- Blue (60%)



- Red (60%)
- Yellow (80%)
- Blue (64%)



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




- Cyan (24%)
- Magenta (20%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.3824, 0.3405, 0.3904 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 56.3824, 0.3405, 0.3904 by changing the saturation by 10% instead.


 56.3824, 0.3405,
0.3904

 56.3824, 0.3405,
0.3904


411.1310, 0.3275,
0.3601

 40.5096, 0.3435,
0.3978

 99.5635, 0.3360,
0.3795

 27.9361, 0.3471,
0.4072


 127.6405, 0.3342,
0.3754

 18.2775, 0.3516,
0.4196


160.5545, 0.3327,
0.3719

 11.1494, 0.3573,
0.4363

198.6896, 0.3314,
0.3688

 6.1674, 0.3645,
0.4603

242.4305, 0.3302,
0.3662

 2.9471, 0.3740,
0.4980

292.1614, 0.3292,

 1.1042, 0.4044,

0.3639

0.5956

348.2668, 0.3283,
0.3619

0.0000, 0.0000,
0.0000

56.3824, 0.3405,
0.3904

56.3824, 0.3405,
0.3904

55.2257, 0.3517,
0.4169

57.6739, 0.3289,
0.3642

54.1904, 0.3620,
0.4429

59.0981, 0.3174,
0.3390

53.2727, 0.3709,
0.4674

60.6627, 0.3062,
0.3153

52.4654, 0.3779,
0.4891

62.3725, 0.2955,
0.2932

51.7608, 0.3826,
0.5072

64.1992, 0.2857,
0.2735

■ 51.1498, 0.3847,
0.5209

■ 64.8322, 0.2886,
0.2740

■ 50.6214, 0.3843,
0.5300

■ 65.4812, 0.2915,
0.2744

■ 50.3386, 0.3833,
0.5339

■ 66.1465, 0.2944,
0.2749

■ 66.8281, 0.2974,
0.2753

Harmonies

Analogous

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



56.3824, 0.3681, 0.3829



56.3824, 0.3405, 0.3904



56.3824, 0.3065, 0.3793

Triad

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



56.3824, 0.3405, 0.3904



56.3824, 0.2489, 0.2913



56.3824, 0.3501, 0.3065

Complementary

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



56.3824, 0.3405, 0.3904



35.3224, 0.2803, 0.2630

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.



56.3824, 0.3161, 0.2851



56.3824, 0.3405, 0.3904



56.3824, 0.2589, 0.2755

Square

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



56.3824, 0.3405, 0.3904



56.3824, 0.2547, 0.3190



56.3824, 0.2829, 0.2738



56.3824, 0.3743, 0.3339

Rectangle

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



56.3824, 0.3405, 0.3904



56.3824, 0.2848, 0.3625



56.3824, 0.2829, 0.2738



56.3824, 0.3393, 0.2985

Sweetspot

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



56.3849, 0.3405, 0.3904



98.2162, 0.3208, 0.3463



41.5131, 0.3597, 0.3417



20.9906, 0.3215, 0.3479



0.0000, 0.0000, 0.0000



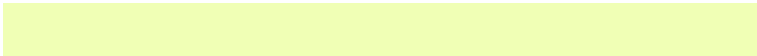
21.4041, 0.3127, 0.3290

Same Dimension

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



56.3849, 0.3405, 0.3904



93.3571, 0.3464, 0.4043



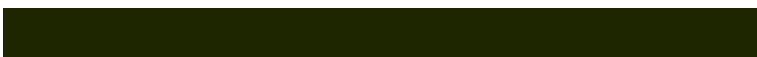
53.4538, 0.3209, 0.3944



12.9762, 0.3235, 0.3521



32.0703, 0.3838, 0.5335



1.6845, 0.3911, 0.5276

Inverse Universe

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



35.3224, 0.2803, 0.2630



52.0508, 0.2719, 0.2466



38.1558, 0.3020, 0.2670



10.9529, 0.3014, 0.3053



3.0834, 0.1608, 0.0659



0.1921, 0.1799, 0.0765

Previews

White Background



This preview shows how the Yxy color 56.3824, 0.3405, 0.3904 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 56.3824, 0.3405, 0.3904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

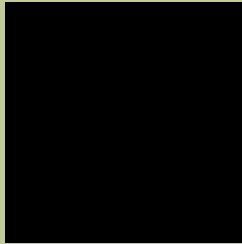
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

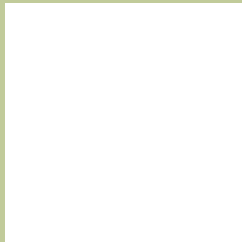
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.3824, 0.3405, 0.3904

Background



This preview shows how black text looks on a background with the Yxy color 56.3824, 0.3405, 0.3904.



This preview shows how white text looks on a background with the Yxy color 56.3824, 0.3405, 0.3904.

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

56.3824, 0.3405, 0.3904

Protanopia

56.0158, 0.3596, 0.3843

Deuteranopia

56.2502, 0.3745, 0.3666



Tritanopia

56.1509, 0.3058, 0.3101

Trichromacy



Original Color

56.3824, 0.3405, 0.3904

Protanomaly

55.9512, 0.3523, 0.3865

Deuteranomaly

56.1822, 0.3615, 0.3752

Tritanomaly

56.1116, 0.3186, 0.3387

Monochromacy



Original Color

56.3824, 0.3405, 0.3904

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.6565, 0.3237, 0.3514

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.3824, 0.3405, 0.3904 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, 203, 154)` looks like.

```
.text, #text, p{  
    color:rgb(193, 203, 154)  
}
```

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, 203, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 203, 154) }
```

Border

The CSS property to change the border of an element to Yxy 56.3824, 0.3405, 0.3904 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, 203, 154) }
```

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

```
.border{ border-color:rgb(193, 203, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 203, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 203, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 203, 154);  
box-shadow:4px 4px 4px 4px rgb(193, 203,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 56.3824, 0.3405, 0.3904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 203, 154) }
```

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

```
.background{ background-color: rgb(193,  
203, 154) }
```

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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