

Converting Colors

$Yxy(56.3824, 0.3457, 0.3835)$

Have a look what the booklet for
Yxy(56.3824, 0.3457, 0.3835)
contains.

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Color

Yxy(56.5911, 0.3462, 0.3843)

Conversions

Conversions Part 1

Format	Color
Hex	C9C99C
RGB	201, 201, 156
RGB Percent	79%, 79%, 61%
CMY	0.2116, 0.2118, 0.3883
CMYK	0.00, 0.00, 0.22, 0.21
HSL	60°, 29%, 70%
HSV	60°, 22%, 79%
XYZ	50.9806, 56.5911, 39.6859
YIQ	195.8700, 14.4450, -13.9950

Conversions

Conversions Part 2

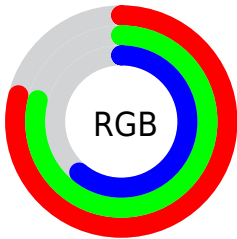
Format	Color
R _{YB}	156, 201, 156
Decimal	13224348
CIE Lab	79.95, -7.32, 22.57
CIE LCh	80, 23.725, 107.983
Yxy	56.5911, 0.3462, 0.3843
Android (android.graphics.Color)	4291414428 (0xFFC9C99C)
YUV	195.8700, -19.6559, 4.4990
Hunter-Lab	75.2271, -10.6798, 21.3806

Details

The Yxy color **56.5911, 0.3462, 0.3843** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.0733, 0.2752, 0.2670**, and the grayscale version is **55.2370, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4831, 0.3388, 0.3721**, and **28.0700, 0.3555, 0.3997** is the 20% darker color. If you saturate the color by 10%, you get **55.9607, 0.3612, 0.4090**, and if you desaturate by 10%, it is **57.3393, 0.3311, 0.3593**.

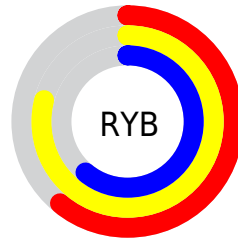
Distribution



Red (79%)

Green (79%)

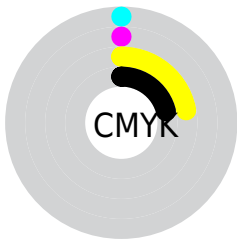
Blue (61%)



Red (61%)

Yellow (79%)

Blue (61%)

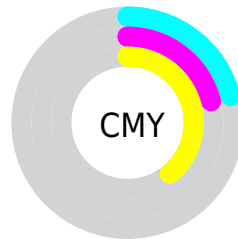


Cyan (0%)

Magenta (0%)

Yellow (22%)

Black (21%)



Cyan (21%)


Magenta (21%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.5911, 0.3462, 0.3843 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 56.5911, 0.3462, 0.3843 by changing the saturation by 10% instead.

 56.5911, 0.3462,
0.3843

 56.5911, 0.3462,
0.3843


411.9153, 0.3303,
0.3572

 40.6770, 0.3499,
0.3909


 99.8683, 0.3406,
0.3746

 28.0668, 0.3545,
0.3991


 128.0002, 0.3385,
0.3709

 18.3760, 0.3603,
0.4099


160.9736, 0.3366,
0.3678

 11.2203, 0.3678,
0.4245

199.1727, 0.3350,
0.3651

 6.2152, 0.3778,
0.4450

242.9821, 0.3336,
0.3627

 2.9764, 0.3914,
0.4762

292.7861, 0.3324,

 1.1194, 0.4368,

0.3607

0.5632

348.9690, 0.3313,
0.3589

0.0000, 0.0000,
0.0000

56.5911, 0.3462,
0.3843

56.5911, 0.3462,
0.3843

55.9607, 0.3612,
0.4090

57.3393, 0.3311,
0.3593

55.4349, 0.3754,
0.4325

58.2029, 0.3162,
0.3348

55.0102, 0.3883,
0.4539

59.1891, 0.3019,
0.3112

54.6802, 0.3994,
0.4721

60.3027, 0.2885,
0.2890

54.4373, 0.4082,
0.4866

61.4502, 0.2770,
0.2699

■ 54.2731, 0.4144,
0.4968

■ 61.4575, 0.2770,
0.2700

■ 54.1774, 0.4180,
0.5027

■ 61.4648, 0.2770,
0.2700

■ 54.1366, 0.4195,
0.5051

■ 61.4722, 0.2770,
0.2700

■ 61.4795, 0.2770,
0.2700

Harmonies

Analogous

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



56.5911, 0.3679, 0.3736



56.5911, 0.3462, 0.3843



56.5911, 0.3161, 0.3790

Triad

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



56.5911, 0.3462, 0.3843



56.5911, 0.2545, 0.3012



56.5911, 0.3384, 0.3022

Complementary

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



56.5911, 0.3462, 0.3843



35.0733, 0.2752, 0.2670

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.



56.5911, 0.3068, 0.2848



56.5911, 0.3462, 0.3843



56.5911, 0.2596, 0.2832

Square

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



56.5911, 0.3462, 0.3843



56.5911, 0.2639, 0.3286



56.5911, 0.2783, 0.2778



56.5911, 0.3637, 0.3262

Rectangle

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



56.5911, 0.3462, 0.3843



56.5911, 0.2956, 0.3664



56.5911, 0.2783, 0.2778



56.5911, 0.3281, 0.2955

Sweetspot

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



56.5936, 0.3462, 0.3843



98.8943, 0.3231, 0.3462



38.6230, 0.3573, 0.3282



21.1481, 0.3240, 0.3477



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.



56.5936, 0.3462, 0.3843



96.2972, 0.3537, 0.3967



53.8034, 0.3282, 0.3877



12.4156, 0.3265, 0.3518



34.0277, 0.4195, 0.5051



1.6117, 0.4194, 0.5052

Inverse Universe

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



35.0733, 0.2752, 0.2670



52.8817, 0.2655, 0.2510



37.4309, 0.2941, 0.2702



10.2888, 0.2983, 0.3051



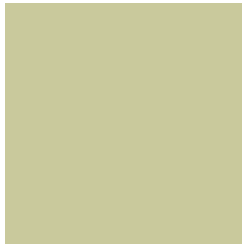
2.6543, 0.1500, 0.0601



0.1262, 0.1501, 0.0603

Previews

White Background



This preview shows how the Yxy color 56.5911, 0.3462, 0.3843 looks on a white background.

Color Contrast Check

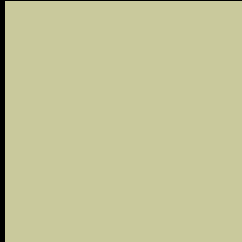
Large Text (above 18pt) WCAG AA × Fail

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 56.5911, 0.3462, 0.3843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

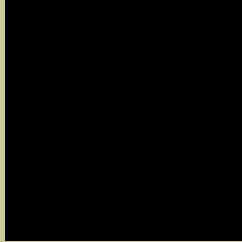
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.5911, 0.3462, 0.3843

Background



This preview shows how black text looks on a background with the Yxy color 56.5911, 0.3462, 0.3843.



This preview shows how white text looks on a background with the Yxy color 56.5911, 0.3462, 0.3843.

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

56.5911, 0.3462, 0.3843

Protanopia

56.6036, 0.3562, 0.3806

Deuteranopia

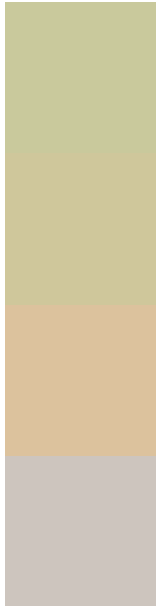
56.2845, 0.3736, 0.3655



Tritanopia

56.5969, 0.3127, 0.3116

Trichromacy



Original Color

56.5911, 0.3462, 0.3843

Protanomaly

56.4788, 0.3525, 0.3823

Deuteranomaly

56.2335, 0.3636, 0.3724

Tritanomaly

56.6293, 0.3243, 0.3374

Monochromacy



Original Color

56.5911, 0.3462, 0.3843

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.7301, 0.3253, 0.3499

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.5911, 0.3462, 0.3843 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(201, 201, 156)` looks like.

```
.text, #text, p{  
    color:rgb(201, 201, 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(201, 201, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 201, 156) }
```

Border

The CSS property to change the border of an element to Yxy 56.5911, 0.3462, 0.3843 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(201, 201, 156) }
```

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

```
.border{ border-color:rgb(201, 201, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 201, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 201, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 201, 156);  
box-shadow:4px 4px 4px 4px rgb(201, 201,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 56.5911, 0.3462, 0.3843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 201, 156) }
```

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

```
.background{ background-color: rgb(201,  
201, 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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