

Converting Colors

Yxy(56.3329, 0.3449, 0.3842)

Have a look what the booklet for
Yxy(56.3329, 0.3449, 0.3842)
contains.

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Color

Yxy(56.4529, 0.3453, 0.3845)

Conversions

Conversions Part 1

Format	Color
Hex	C8C99C
RGB	200, 201, 156
RGB Percent	78%, 79%, 61%
CMY	0.2159, 0.2117, 0.3883
CMYK	0.01, 0.00, 0.22, 0.21
HSL	61°, 29%, 70%
HSV	61°, 22%, 79%
XYZ	50.6975, 56.4529, 39.6712
YIQ	195.5710, 13.8490, -14.2070

Conversions

Conversions Part 2

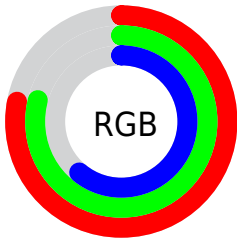
Format	Color
RYB	156, 201, 157
Decimal	13158812
CIELab	79.87, -7.74, 22.45
CIELCh	80, 23.746, 109.026
Yxy	56.4529, 0.3453, 0.3845
Android (android.graphics.Color)	4291348892 (0xFFC8C99C)
YUV	195.5710, -19.5085, 3.8842
Hunter-Lab	75.1351, -11.0435, 21.2896

Details

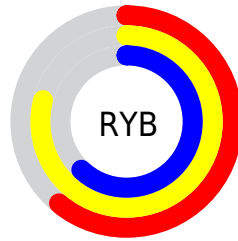
The Yxy color **56.4529, 0.3453, 0.3845** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.1642, 0.2761, 0.2671**, and the grayscale version is **55.0417, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4831, 0.3388, 0.3721**, and **27.9779, 0.3543, 0.3999** is the 20% darker color. If you saturate the color by 10%, you get **55.7648, 0.3598, 0.4094**, and if you desaturate by 10%, it is **57.2589, 0.3306, 0.3594**.

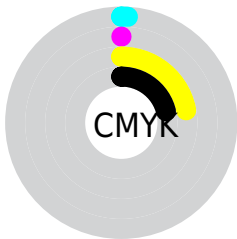
Distribution



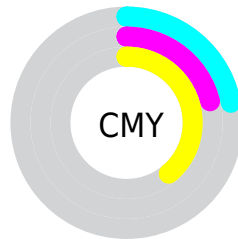
- Red (78%)
- Green (79%)
- Blue (61%)



- Red (61%)
- Yellow (79%)
- Blue (62%)



- Cyan (1%)
- Magenta (0%)
- Yellow (22%)
- Black (21%)





- Cyan (22%)
- Magenta (21%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.4529, 0.3453, 0.3845 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 56.4529, 0.3453, 0.3845 by changing the saturation by 10% instead.


 56.4529, 0.3453,
0.3845


 56.4529, 0.3453,
0.3845


411.3961, 0.3298,
0.3573

 40.5662, 0.3489,
0.3911


 99.6665, 0.3399,
0.3748

 27.9802, 0.3533,
0.3994


 127.7621, 0.3378,
0.3711

 18.3108, 0.3589,
0.4103


160.6961, 0.3360,
0.3679

 11.1733, 0.3662,
0.4250

198.8529, 0.3344,
0.3652

 6.1835, 0.3759,
0.4458

242.6169, 0.3331,
0.3628

 2.9570, 0.3891,
0.4776

292.3725, 0.3319,

 1.1093, 0.4337,

0.3608

0.5663

348.5041, 0.3308,
0.3589

0.0000, 0.0000,
0.0000

56.4529, 0.3453,
0.3845

56.4529, 0.3453,
0.3845

55.7648, 0.3598,
0.4094

57.2589, 0.3306,
0.3594

55.1815, 0.3736,
0.4332

58.1805, 0.3161,
0.3348

54.6996, 0.3861,
0.4550

59.2250, 0.3022,
0.3112

54.3124, 0.3968,
0.4737

60.3970, 0.2891,
0.2891

54.0126, 0.4051,
0.4887

61.6039, 0.2778,
0.2700

■ 53.7917, 0.4109,
0.4994

■ 61.6702, 0.2781,
0.2701

■ 53.6395, 0.4141,
0.5058

■ 61.7366, 0.2785,
0.2701

■ 53.5558, 0.4152,
0.5085

■ 61.8033, 0.2788,
0.2702

■ 61.8702, 0.2791,
0.2702

Harmonies

Analogous

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



56.4529, 0.3675, 0.3742



56.4529, 0.3453, 0.3845



56.4529, 0.3150, 0.3786

Triad

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



56.4529, 0.3453, 0.3845



56.4529, 0.2544, 0.3003



56.4529, 0.3394, 0.3029

Complementary

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



56.4529, 0.3453, 0.3845



35.1642, 0.2761, 0.2671

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.



56.4529, 0.3079, 0.2852



56.4529, 0.3453, 0.3845



56.4529, 0.2600, 0.2827

Square

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



56.4529, 0.3453, 0.3845



56.4529, 0.2633, 0.3276



56.4529, 0.2791, 0.2778



56.4529, 0.3644, 0.3271

Rectangle

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



56.4529, 0.3453, 0.3845



56.4529, 0.2945, 0.3656



56.4529, 0.2791, 0.2778



56.4529, 0.3292, 0.2961

Sweetspot

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



56.4554, 0.3453, 0.3845



98.8236, 0.3229, 0.3462



38.8458, 0.3578, 0.3301



21.1316, 0.3237, 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.



56.4554, 0.3453, 0.3845



96.0253, 0.3526, 0.3970



53.6176, 0.3270, 0.3879



12.4038, 0.3262, 0.3519



33.6729, 0.4153, 0.5085



1.5985, 0.4162, 0.5078

Inverse Universe

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



35.1642, 0.2761, 0.2671



53.0634, 0.2666, 0.2512



37.6051, 0.2954, 0.2704



10.2992, 0.2986, 0.3051



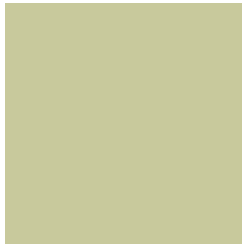
2.6763, 0.1508, 0.0605



0.1310, 0.1538, 0.0621

Previews

White Background



This preview shows how the Yxy color 56.4529, 0.3453, 0.3845 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 56.4529, 0.3453, 0.3845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

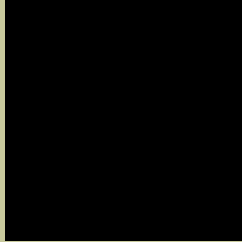
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

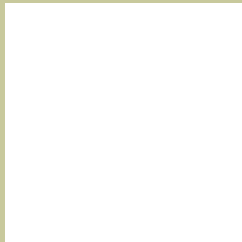
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.4529, 0.3453, 0.3845

Background



This preview shows how black text looks on a background with the Yxy color 56.4529, 0.3453, 0.3845.



This preview shows how white text looks on a background with the Yxy color 56.4529, 0.3453, 0.3845.

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

56.4529, 0.3453, 0.3845

Protanopia

56.5701, 0.3570, 0.3818

Deuteranopia

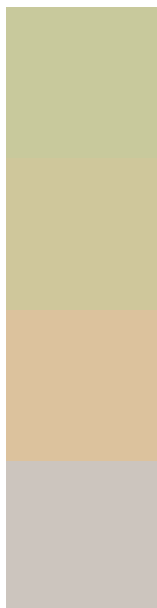
56.2845, 0.3736, 0.3655



Tritanopia

56.4524, 0.3119, 0.3115

Trichromacy



Original Color

56.4529, 0.3453, 0.3845

Protanomaly

56.4788, 0.3525, 0.3823

Deuteranomaly

56.2335, 0.3636, 0.3724

Tritanomaly

56.4876, 0.3235, 0.3374

Monochromacy



Original Color

56.4529, 0.3453, 0.3845

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.5947, 0.3245, 0.3499

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.4529, 0.3453, 0.3845 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(200, 201, 156)` looks like.

```
.text, #text, p{  
    color:rgb(200, 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(200, 201, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 201, 156) }
```

Border

The CSS property to change the border of an element to Yxy 56.4529, 0.3453, 0.3845 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(200, 201, 156) }
```

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

```
.border{ border-color:rgb(200, 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(200, 201, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 201, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 201, 156);  
box-shadow:4px 4px 4px 4px rgb(200, 201,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 56.4529, 0.3453, 0.3845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 201, 156) }
```

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

```
.background{ background-color: rgb(200,  
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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