

Converting Colors

Yxy(56.4103, 0.3438, 0.3805)

Have a look what the booklet for
Yxy(56.4103, 0.3438, 0.3805)
contains.

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Color

Yxy(56.5559, 0.3431, 0.3807)

Conversions

Conversions Part 1

Format	Color
Hex	C8C99F
RGB	200, 201, 159
RGB Percent	78%, 79%, 62%
CMY	0.2156, 0.2118, 0.3765
CMYK	0.00, 0.00, 0.21, 0.21
HSL	61°, 28%, 71%
HSV	61°, 21%, 79%
XYZ	50.9701, 56.5559, 41.0316
YIQ	195.9130, 12.8860, -13.2740

Conversions

Conversions Part 2

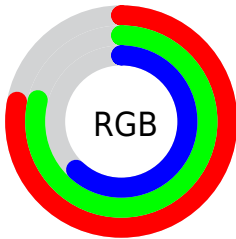
Format	Color
RYB	159, 201, 160
Decimal	13158815
CIELab	79.93, -7.27, 20.93
CIElCh	80, 22.160, 109.143
Yxy	56.5559, 0.3431, 0.3807
Android (android.graphics.Color)	4291348895 (0xFFC8C99F)
YUV	195.9130, -18.1981, 3.5843
Hunter-Lab	75.2037, -10.6260, 20.2935

Details

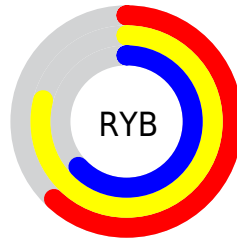
The Yxy color $56.5559, 0.3431, 0.3807$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $36.4848, 0.2788, 0.2718$, and the grayscale version is $55.2562, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.6350, 0.3370, 0.3691$, and $28.0400, 0.3513, 0.3950$ is the 20% darker color. If you saturate the color by 10%, you get $55.8528, 0.3577, 0.4057$, and if you desaturate by 10%, it is $57.3777, 0.3284, 0.3556$.

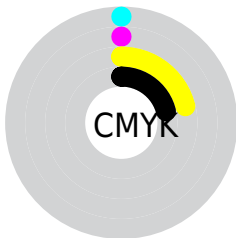
Distribution



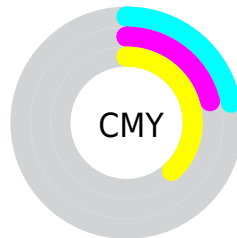
- Red (78%)
- Green (79%)
- Blue (62%)



- Red (62%)
- Yellow (79%)
- Blue (63%)



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





- Cyan (22%)
- Magenta (21%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.5559, 0.3431, 0.3807 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 56.5559, 0.3431, 0.3807 by changing the saturation by 10% instead.


 56.5559, 0.3431,
0.3807


 56.5559, 0.3431,
0.3807


411.7831, 0.3287,
0.3554

 40.6488, 0.3465,
0.3868


 99.8169, 0.3380,
0.3716

 28.0448, 0.3506,
0.3946


 127.9396, 0.3361,
0.3682

 18.3594, 0.3559,
0.4048


160.9029, 0.3344,
0.3652

 11.2083, 0.3629,
0.4185

199.0913, 0.3329,
0.3627

 6.2071, 0.3721,
0.4380

242.8891, 0.3317,
0.3605

 2.9714, 0.3847,
0.4676

292.6807, 0.3306,

 1.1168, 0.4372,

0.3586

0.5628

348.8506, 0.3296,
0.3569

0.0000, 0.0000,
0.0000

56.5559, 0.3431,
0.3807

56.5559, 0.3431,
0.3807

55.8528, 0.3577,
0.4057

57.3777, 0.3284,
0.3556

55.2553, 0.3716,
0.4297

58.3158, 0.3140,
0.3311

54.7601, 0.3844,
0.4519

59.3774, 0.3002,
0.3078

54.3607, 0.3953,
0.4711

60.5671, 0.2872,
0.2859

54.0498, 0.4041,
0.4867

61.5959, 0.2778,
0.2700

■ 53.8191, 0.4102,
0.4980

■ 61.6606, 0.2782,
0.2700

■ 53.6588, 0.4138,
0.5050

■ 61.7255, 0.2785,
0.2701

■ 53.5574, 0.4153,
0.5084

■ 61.7906, 0.2788,
0.2701

■ 61.8560, 0.2791,
0.2702

Harmonies

Analogous

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



56.5559, 0.3638, 0.3714



56.5559, 0.3431, 0.3807



56.5559, 0.3148, 0.3750

Triad

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



56.5559, 0.3431, 0.3807



56.5559, 0.2581, 0.3023



56.5559, 0.3378, 0.3047

Complementary

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



56.5559, 0.3431, 0.3807



36.4848, 0.2788, 0.2718

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.



56.5559, 0.3084, 0.2880



56.5559, 0.3431, 0.3807



56.5559, 0.2634, 0.2857

Square

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



56.5559, 0.3431, 0.3807



56.5559, 0.2665, 0.3277



56.5559, 0.2814, 0.2810



56.5559, 0.3609, 0.3275

Rectangle

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



56.5559, 0.3431, 0.3807



56.5559, 0.2957, 0.3630



56.5559, 0.2814, 0.2810



56.5559, 0.3283, 0.2983

Sweetspot

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



56.5584, 0.3431, 0.3807



98.9868, 0.3214, 0.3437



39.9592, 0.3540, 0.3300



21.1646, 0.3224, 0.3454



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.



56.5584, 0.3431, 0.3807



96.2756, 0.3496, 0.3919



53.8944, 0.3260, 0.3836



12.4041, 0.3262, 0.3519



33.6821, 0.4154, 0.5084



1.5989, 0.4162, 0.5077

Inverse Universe

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



36.4848, 0.2788, 0.2718



55.8910, 0.2705, 0.2577



38.8018, 0.2968, 0.2747



10.2989, 0.2986, 0.3051



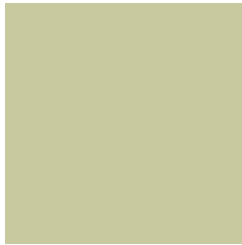
2.6757, 0.1508, 0.0605



0.1308, 0.1537, 0.0621

Previews

White Background



This preview shows how the Yxy color 56.5559, 0.3431, 0.3807 looks on a white background.

Color Contrast Check

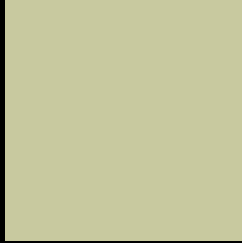
Large Text (above 18pt) WCAG AA × Fail

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 56.5559, 0.3431, 0.3807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

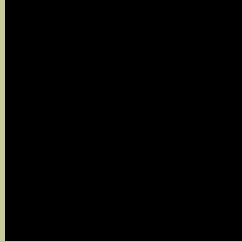
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

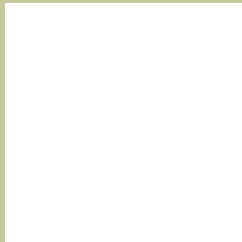
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.5559, 0.3431, 0.3807

Background



This preview shows how black text looks on a background with the Yxy color 56.5559, 0.3431, 0.3807.



This preview shows how white text looks on a background with the Yxy color 56.5559, 0.3431, 0.3807.

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

56.5559, 0.3431, 0.3807

Protanopia

56.6714, 0.3546, 0.3782

Deuteranopia

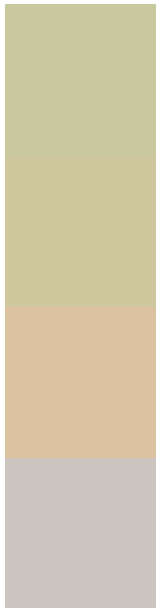
56.2231, 0.3703, 0.3622



Tritanopia

56.4524, 0.3119, 0.3115

Trichromacy



Original Color

56.5559, 0.3431, 0.3807

Protanomaly

56.5809, 0.3502, 0.3787

Deuteranomaly

56.1817, 0.3603, 0.3690

Tritanomaly

56.5315, 0.3228, 0.3362

Monochromacy



Original Color

56.5559, 0.3431, 0.3807

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.6774, 0.3230, 0.3474

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.5559, 0.3431, 0.3807 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, 159)` looks like.

```
.text, #text, p{  
    color:rgb(200, 201, 159)  
}
```

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, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 201, 159) }
```

Border

The CSS property to change the border of an element to Yxy 56.5559, 0.3431, 0.3807 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, 159) }
```

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

```
.border{ border-color:rgb(200, 201, 159) }
```

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, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 201, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 201, 159);  
box-shadow:4px 4px 4px 4px rgb(200, 201,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 56.5559, 0.3431, 0.3807 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, 159) }
```

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

```
.background{ background-color: rgb(200,  
201, 159) }
```

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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