

Converting Colors

$Yxy(56.9805, 0.3006, 0.3935)$

Have a look what the booklet for
Yxy(56.9805, 0.3006, 0.3935)
contains.

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Color

Yxy(56.9805, 0.3006, 0.3935)

Conversions

Conversions Part 1

Format	Color
Hex	98D5A5
RGB	152, 213, 165
RGB Percent	60%, 84%, 65%
CMY	0.4041, 0.1647, 0.3530
CMYK	0.29, 0.00, 0.23, 0.16
HSL	133°, 42%, 72%
HSV	133°, 29%, 84%
XYZ	43.5282, 56.9805, 44.2956
YIQ	189.2890, -20.9480, -27.8600

Conversions

Conversions Part 2

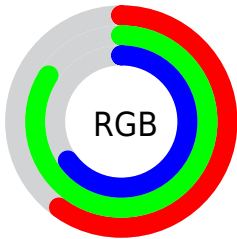
Format	Color
RYB	152, 202, 213
Decimal	10016165
CIELab	80.17, -29.12, 17.61
CIELCh	80, 34.031, 148.829
Yxy	56.9805, 0.3006, 0.3935
Android (android.graphics.Color)	4288206245 (0xFF98D5A5)
YUV	189.2890, -11.9745, -32.7025
Hunter-Lab	75.4854, -29.1686, 18.0478

Details

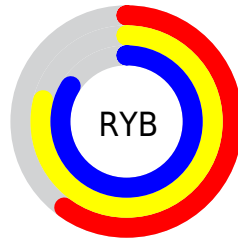
The Yxy color **56.9805, 0.3006, 0.3935** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **40.7613, 0.3278, 0.2722**, and the grayscale version is **51.1380, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.9527, 0.3031, 0.3664**, and **28.2986, 0.2964, 0.4121** is the 20% darker color. If you saturate the color by 10%, you get **54.5387, 0.2968, 0.4208**, and if you desaturate by 10%, it is **59.8761, 0.3048, 0.3686**.

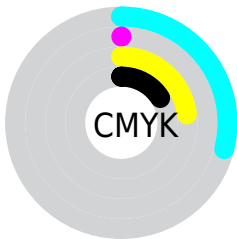
Distribution



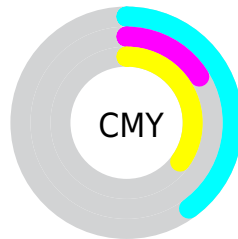
- Red (60%)
- Green (84%)
- Blue (65%)



- Red (60%)
- Yellow (79%)
- Blue (84%)



- Cyan (29%)
- Magenta (0%)
- Yellow (23%)
- Black (16%)





- Cyan (40%)
- Magenta (16%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.9805, 0.3006, 0.3935 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 56.9805, 0.3006, 0.3935 by changing the saturation by 10% instead.


 56.9805, 0.3006,
0.3935


 56.9805, 0.3006,
0.3935


413.3762, 0.3071,
0.3610

 40.9896, 0.2988,
0.4017


 100.4367, 0.3031,
0.3817

 28.3109, 0.2965,
0.4122


 128.6708, 0.3040,
0.3772

 18.5602, 0.2932,
0.4262


161.7548, 0.3047,
0.3735

 11.3529, 0.2885,
0.4458

200.0730, 0.3053,
0.3703

 6.3047, 0.2808,
0.4749

244.0099, 0.3059,
0.3675

 3.0313, 0.2672,
0.5226

293.9498, 0.3064,

 1.1481, 0.2383,

0.3651

0.7617

350.2771, 0.3068,
0.3629

0.0187, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

56.9805, 0.3006,
0.3935

56.9805, 0.3006,
0.3935

54.5387, 0.2968,
0.4208

59.8761, 0.3048,
0.3686

52.5207, 0.2935,
0.4498


63.2394, 0.3090,
0.3462

50.9039, 0.2912,
0.4796


67.0929, 0.3133,
0.3265

49.6609, 0.2899,
0.5088


71.4550, 0.3174,
0.3092


 48.7605, 0.2900,
0.5358

 75.6801, 0.3188,
0.2939

 48.1665, 0.2915,
0.5589

 76.0750, 0.3146,
0.2881

 47.8244, 0.2939,
0.5769

 47.7880, 0.2942,
0.5790

Harmonies

Analogous

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



56.9805, 0.3447, 0.4094



56.9805, 0.3006, 0.3935



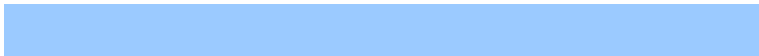
56.9805, 0.2616, 0.3558

Triad

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



56.9805, 0.3006, 0.3935



56.9805, 0.2455, 0.2596



56.9805, 0.3945, 0.3370

Complementary

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



56.9805, 0.3006, 0.3935



40.7613, 0.3278, 0.2722

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.



56.9805, 0.3642, 0.3024



56.9805, 0.3006, 0.3935



56.9805, 0.2769, 0.2593

Square

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



56.9805, 0.3006, 0.3935



56.9805, 0.2315, 0.2775



56.9805, 0.3202, 0.2748



56.9805, 0.4008, 0.3722

Rectangle

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



56.9805, 0.3006, 0.3935



56.9805, 0.2432, 0.3262



56.9805, 0.3202, 0.2748



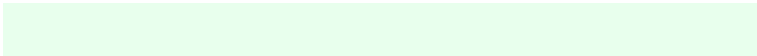
56.9805, 0.3867, 0.3251

Sweetspot

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



56.9829, 0.3006, 0.3935



94.7955, 0.3088, 0.3472



62.2509, 0.3460, 0.4026



20.1224, 0.3082, 0.3503



0.0000, 0.0000, 0.0000



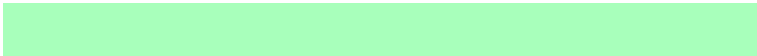
21.4041, 0.3127, 0.3290

Same Dimension

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



56.9829, 0.3006, 0.3935



83.4572, 0.2984, 0.4087



58.1931, 0.2822, 0.3527



13.9389, 0.3087, 0.3479



29.1994, 0.2936, 0.5769



1.7736, 0.2845, 0.5440

Inverse Universe

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



40.7613, 0.3278, 0.2722



55.4613, 0.3315, 0.2608



39.5047, 0.3567, 0.3067



12.5852, 0.3170, 0.3108



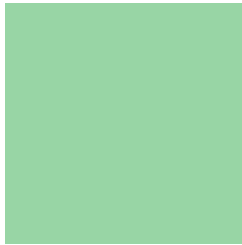
10.3732, 0.3831, 0.1884



0.6373, 0.3703, 0.1814

Previews

White Background



This preview shows how the Yxy color 56.9805, 0.3006, 0.3935 looks on a white background.

Color Contrast Check

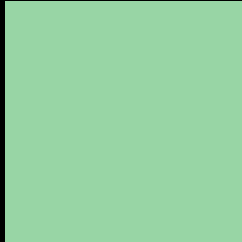
Large Text (above 18pt) WCAG AA × Fail

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 56.9805, 0.3006, 0.3935 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 56.9805, 0.3006, 0.3935

Background



This preview shows how black text looks on a background with the Yxy color 56.9805, 0.3006, 0.3935.

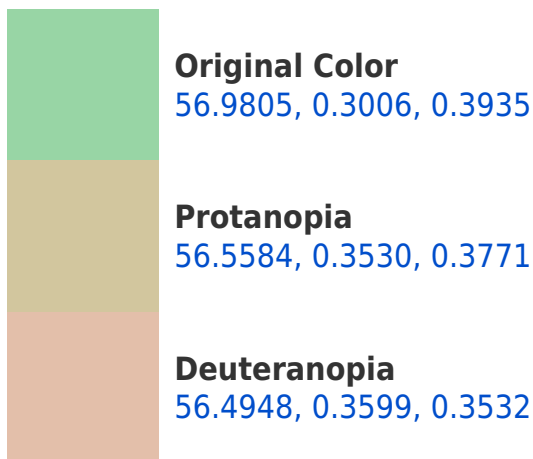


This preview shows how white text looks on a background with the Yxy color 56.9805, 0.3006, 0.3935.

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





Tritanopia

56.7231, 0.2720, 0.3078

Trichromacy



Original Color

56.9805, 0.3006, 0.3935



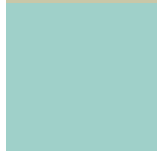
Protanomaly

56.1039, 0.3321, 0.3820



Deuteranomaly

55.9534, 0.3367, 0.3671



Tritanomaly

56.6997, 0.2825, 0.3379

Monochromacy



Original Color

56.9805, 0.3006, 0.3935



Achromatopsia

50.8881, 0.3127, 0.3290



Achromatomaly

52.9136, 0.3085, 0.3523

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.9805, 0.3006, 0.3935 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(152, 213, 165)` looks like.

```
.text, #text, p{  
    color:rgb(152, 213, 165)  
}
```

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(152, 213, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 213, 165) }
```

Border

The CSS property to change the border of an element to Yxy 56.9805, 0.3006, 0.3935 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(152, 213, 165) }
```

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

```
.border{ border-color:rgb(152, 213, 165) }
```

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

Here you see how a box with a 4 pixel rgb(152, 213, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 213, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 213, 165);  
box-shadow:4px 4px 4px 4px rgb(152, 213,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 56.9805, 0.3006, 0.3935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 213, 165) }
```

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

```
.background{ background-color: rgb(152,  
213, 165) }
```

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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