

Converting Colors

$Yxy(56.6294, 0.3250, 0.3985)$

Have a look what the booklet for
Yxy(56.6294, 0.3250, 0.3985)
contains.

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Color

Yxy(56.5923, 0.3245, 0.3979)

Conversions

Conversions Part 1

Format	Color
Hex	AFD09B
RGB	175, 208, 155
RGB Percent	69%, 82%, 61%
CMY	0.3136, 0.1843, 0.3923
CMYK	0.16, 0.00, 0.26, 0.18
HSL	97°, 36%, 71%
HSV	97°, 26%, 82%
XYZ	46.1528, 56.5923, 39.4823
YIQ	192.0910, -2.6550, -23.4790

Conversions

Conversions Part 2

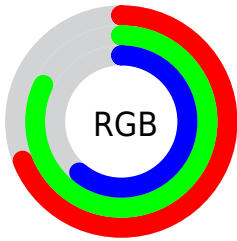
Format	Color
RYB	155, 208, 188
Decimal	11522203
CIELab	79.95, -20.58, 22.81
CIELCh	80, 30.722, 132.054
Yxy	56.5923, 0.3245, 0.3979
Android (android.graphics.Color)	4289712283 (0xFFAFD09B)
YUV	192.0910, -18.2859, -14.9888
Hunter-Lab	75.2279, -22.1378, 21.5419

Details

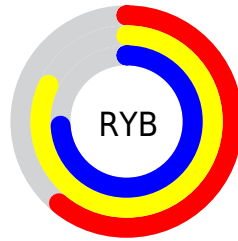
The Yxy color **56.5923, 0.3245, 0.3979** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **38.6663, 0.2975, 0.2625**, and the grayscale version is **52.8801, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1621, 0.3237, 0.3753**, and **28.2281, 0.3270, 0.4190** is the 20% darker color. If you saturate the color by 10%, you get **54.5296, 0.3284, 0.4285**, and if you desaturate by 10%, it is **58.9236, 0.3201, 0.3691**.

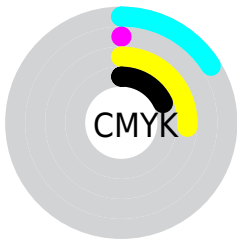
Distribution



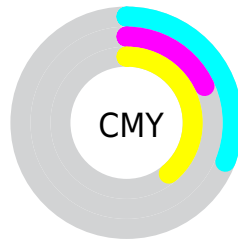
- Red (69%)
- Green (82%)
- Blue (61%)



- Red (61%)
- Yellow (82%)
- Blue (74%)



- Cyan (16%)
- Magenta (0%)
- Yellow (26%)
- Black (18%)





- Cyan (31%)
- Magenta (18%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.5923, 0.3245, 0.3979 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 56.5923, 0.3245, 0.3979 by changing the saturation by 10% instead.

 56.5923, 0.3245,
0.3979

 56.5923, 0.3245,
0.3979


411.9198, 0.3195,
0.3634

 40.6780, 0.3255,
0.4065


 99.8701, 0.3229,
0.3854

 28.0676, 0.3266,
0.4175


 128.0023, 0.3222,
0.3807

 18.3766, 0.3277,
0.4320


160.9760, 0.3216,
0.3767

 11.2207, 0.3288,
0.4521

199.1755, 0.3211,
0.3733

 6.2155, 0.3293,
0.4815

242.9853, 0.3206,
0.3703

 2.9765, 0.3276,
0.5286

292.7896, 0.3202,

 1.1195, 0.3273,

0.3677

0.6727

348.9730, 0.3198,
0.3654

0.0000, 0.0000,
0.0000

56.5923, 0.3245,
0.3979

56.5923, 0.3245,
0.3979

54.5296, 0.3284,
0.4285

58.9236, 0.3201,
0.3691

52.7179, 0.3314,
0.4600

61.5257, 0.3153,
0.3425

51.1489, 0.3332,
0.4911

64.4100, 0.3106,
0.3185

49.8106, 0.3334,
0.5202

67.5854, 0.3059,
0.2970

48.6901, 0.3319,
0.5453

70.8022, 0.3039,
0.2815

■ 47.7727, 0.3285,
0.5651

■ 73.1426, 0.3132,
0.2829

■ 47.0415, 0.3236,
0.5785

■ 73.5926, 0.3149,
0.2831

■ 46.7616, 0.3212,
0.5832

Harmonies

Analogous

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



56.5923, 0.3622, 0.3994



56.5923, 0.3245, 0.3979



56.5923, 0.2852, 0.3738

Triad

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



56.5923, 0.3245, 0.3979



56.5923, 0.2422, 0.2732



56.5923, 0.3736, 0.3185

Complementary

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



56.5923, 0.3245, 0.3979



38.6663, 0.2975, 0.2625

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.



56.5923, 0.3378, 0.2896



56.5923, 0.3245, 0.3979



56.5923, 0.2625, 0.2637

Square

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



56.5923, 0.3245, 0.3979



56.5923, 0.2394, 0.2986



56.5923, 0.2969, 0.2700



56.5923, 0.3921, 0.3512

Rectangle

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



56.5923, 0.3245, 0.3979



56.5923, 0.2632, 0.3491



56.5923, 0.2969, 0.2700



56.5923, 0.3630, 0.3081

Sweetspot

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



56.5947, 0.3245, 0.3979



96.4286, 0.3166, 0.3492



51.6004, 0.3566, 0.3692



20.5029, 0.3173, 0.3532



0.0000, 0.0000, 0.0000



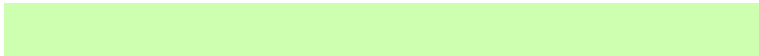
21.4041, 0.3127, 0.3290

Same Dimension

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



56.5947, 0.3245, 0.3979



87.7538, 0.3269, 0.4157



54.6555, 0.3053, 0.3925



13.4210, 0.3172, 0.3526



29.1952, 0.3222, 0.5824



1.6773, 0.3369, 0.5707

Inverse Universe

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



38.6663, 0.2975, 0.2625



54.2737, 0.2931, 0.2460



41.0946, 0.3211, 0.2729



11.7764, 0.3078, 0.3057



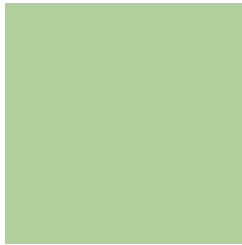
5.8192, 0.2286, 0.1033



0.3700, 0.2456, 0.1126

Previews

White Background



This preview shows how the Yxy color 56.5923, 0.3245, 0.3979 looks on a white background.

Color Contrast Check

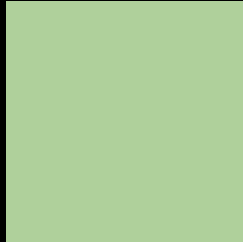
Large Text (above 18pt) WCAG AA × Fail

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 56.5923, 0.3245, 0.3979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

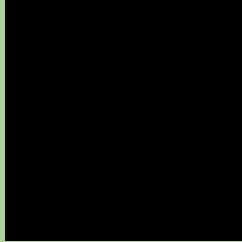
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.5923, 0.3245, 0.3979

Background



This preview shows how black text looks on a background with the Yxy color 56.5923, 0.3245, 0.3979.



This preview shows how white text looks on a background with the Yxy color 56.5923, 0.3245, 0.3979.

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

56.5923, 0.3245, 0.3979

Protanopia

56.5872, 0.3609, 0.3864

Deuteranopia

56.1531, 0.3719, 0.3644



Tritanopia

56.4568, 0.2896, 0.3096

Trichromacy



Original Color

56.5923, 0.3245, 0.3979

Protanomaly

56.6502, 0.3472, 0.3907

Deuteranomaly

56.1028, 0.3533, 0.3760

Tritanomaly

56.4307, 0.3023, 0.3402

Monochromacy



Original Color

56.5923, 0.3245, 0.3979

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

54.0819, 0.3171, 0.3530

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.5923, 0.3245, 0.3979 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(175, 208, 155)` looks like.

```
.text, #text, p{  
    color:rgb(175, 208, 155)  
}
```

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(175, 208, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 208, 155) }
```

Border

The CSS property to change the border of an element to Yxy 56.5923, 0.3245, 0.3979 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(175, 208, 155) }
```

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

```
.border{ border-color:rgb(175, 208, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 208, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 208, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 208, 155);  
box-shadow:4px 4px 4px 4px rgb(175, 208,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 56.5923, 0.3245, 0.3979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 208, 155) }
```

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

```
.background{ background-color: rgb(175,  
208, 155) }
```

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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