

Converting Colors

$Yxy(56.2501, 0.3009, 0.3955)$

Have a look what the booklet for
Yxy(56.2501, 0.3009, 0.3955)
contains.

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Color

Yxy(56.2153, 0.3005, 0.3953)

Conversions

Conversions Part 1

Format	Color
Hex	96D4A3
RGB	150, 212, 163
RGB Percent	59%, 83%, 64%
CMY	0.4118, 0.1686, 0.3607
CMYK	0.29, 0.00, 0.23, 0.17
HSL	133°, 42%, 71%
HSV	133°, 29%, 83%
XYZ	42.7339, 56.2153, 43.2600
YIQ	187.8760, -21.2230, -28.3830

Conversions

Conversions Part 2

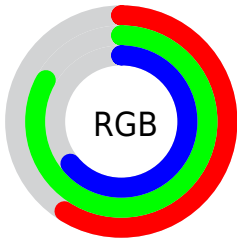
Format	Color
RYB	150, 201, 212
Decimal	9884835
CIELab	79.74, -29.61, 18.03
CIElCh	80, 34.671, 148.661
Yxy	56.2153, 0.3005, 0.3953
Android (android.graphics.Color)	4288074915 (0xFF96D4A3)
YUV	187.8760, -12.2639, -33.2173
Hunter-Lab	74.9769, -29.4715, 18.2747

Details

The Yxy color **56.2153, 0.3005, 0.3953** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **39.9333, 0.3280, 0.2708**, and the grayscale version is **50.2976, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.5611, 0.3030, 0.3687**, and **27.8030, 0.2963, 0.4149** is the 20% darker color. If you saturate the color by 10%, you get **53.8238, 0.2967, 0.4228**, and if you desaturate by 10%, it is **59.0549, 0.3046, 0.3701**.

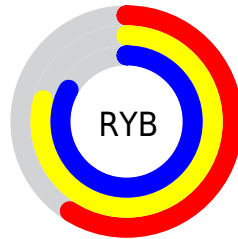
Distribution



Red (59%)

Green (83%)

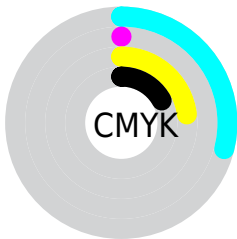
Blue (64%)



Red (59%)

Yellow (79%)

Blue (83%)

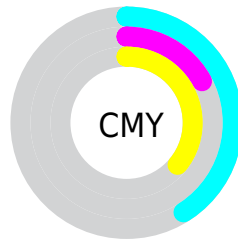


Cyan (29%)

Magenta (0%)

Yellow (23%)

Black (17%)



Cyan (41%)


Magenta (17%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.2153, 0.3005, 0.3953 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 56.2153, 0.3005, 0.3953 by changing the saturation by 10% instead.


 56.2153, 0.3005,
0.3953

 56.2153, 0.3005,
0.3953


410.5024, 0.3071,
0.3618

 40.3756, 0.2987,
0.4037

 99.3193, 0.3030,
0.3831

 27.8315, 0.2963,
0.4146


 127.3524, 0.3039,
0.3785

 18.1987, 0.2929,
0.4292


160.2186, 0.3047,
0.3746

 11.0927, 0.2880,
0.4496

198.3026, 0.3053,
0.3713

 6.1292, 0.2800,
0.4801

241.9885, 0.3059,
0.3685

 2.9238, 0.2656,
0.5302

291.6608, 0.3063,

 1.0921, 0.2164,

0.3660

0.7836

347.7040, 0.3068,
0.3638

0.0000, 0.0000,
0.0000

56.2153, 0.3005,
0.3953

56.2153, 0.3005,
0.3953

53.8238, 0.2967,
0.4228

59.0549, 0.3046,
0.3701

51.8505, 0.2936,
0.4520

62.3565, 0.3088,
0.3476

50.2731, 0.2913,
0.4819

66.1423, 0.3130,
0.3276

49.0641, 0.2901,
0.5111

70.4308, 0.3171,
0.3101

48.1924, 0.2903,
0.5380

75.0488, 0.3203,
0.2948

■ 47.6218, 0.2918,
0.5608

■ 75.5681, 0.3147,
0.2871

■ 47.2941, 0.2941,
0.5784

■ 47.2740, 0.2943,
0.5795

Harmonies

Analogous

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



56.2153, 0.3456, 0.4113



56.2153, 0.3005, 0.3953



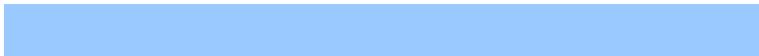
56.2153, 0.2606, 0.3567

Triad

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



56.2153, 0.3005, 0.3953



56.2153, 0.2439, 0.2581



56.2153, 0.3964, 0.3369

Complementary

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



56.2153, 0.3005, 0.3953



39.9333, 0.3280, 0.2708

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.



56.2153, 0.3651, 0.3016



56.2153, 0.3005, 0.3953



56.2153, 0.2759, 0.2578

Square

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



56.2153, 0.3005, 0.3953



56.2153, 0.2298, 0.2764



56.2153, 0.3200, 0.2735



56.2153, 0.4029, 0.3728

Rectangle

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



56.2153, 0.3005, 0.3953



56.2153, 0.2418, 0.3263



56.2153, 0.3200, 0.2735



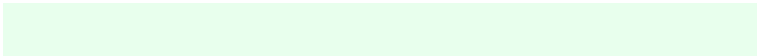
56.2153, 0.3883, 0.3247

Sweetspot

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



56.2177, 0.3005, 0.3953



94.7911, 0.3089, 0.3472



61.5149, 0.3466, 0.4041



20.1213, 0.3083, 0.3504



0.0000, 0.0000, 0.0000



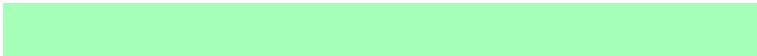
21.4041, 0.3127, 0.3290

Same Dimension

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



56.2177, 0.3005, 0.3953



83.0816, 0.2981, 0.4119



57.4406, 0.2816, 0.3533



13.9382, 0.3087, 0.3479



29.1959, 0.2937, 0.5774



1.7733, 0.2847, 0.5448

Inverse Universe

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



39.9333, 0.3280, 0.2708



54.5124, 0.3319, 0.2585



38.6605, 0.3578, 0.3062



12.5859, 0.3169, 0.3108



10.3893, 0.3820, 0.1878



0.6381, 0.3694, 0.1809

Previews

White Background



This preview shows how the Yxy color 56.2153, 0.3005, 0.3953 looks on a white background.

Color Contrast Check

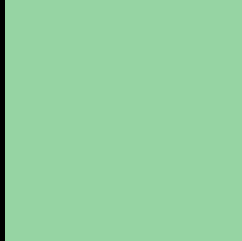
Large Text (above 18pt) WCAG AA × Fail

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 56.2153, 0.3005, 0.3953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

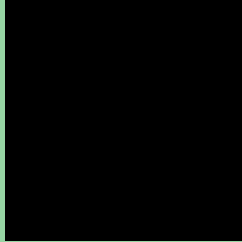
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.2153, 0.3005, 0.3953

Background



This preview shows how black text looks on a background with the Yxy color 56.2153, 0.3005, 0.3953.

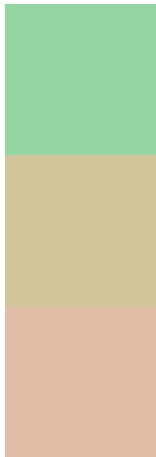


This preview shows how white text looks on a background with the Yxy color 56.2153, 0.3005, 0.3953.

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

56.2153, 0.3005, 0.3953

Protanopia

55.8881, 0.3540, 0.3786

Deuteranopia

55.3911, 0.3612, 0.3533



Tritanopia

55.9833, 0.2712, 0.3077

Trichromacy



Original Color

56.2153, 0.3005, 0.3953

Protanomaly

55.4356, 0.3330, 0.3836

Deuteranomaly

54.6914, 0.3369, 0.3675

Tritanomaly

55.9639, 0.2817, 0.3380

Monochromacy



Original Color

56.2153, 0.3005, 0.3953

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

52.1858, 0.3077, 0.3525

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.2153, 0.3005, 0.3953 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(150, 212, 163)` looks like.

```
.text, #text, p{  
    color:rgb(150, 212, 163)  
}
```

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(150, 212, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 212, 163) }
```

Border

The CSS property to change the border of an element to Yxy 56.2153, 0.3005, 0.3953 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(150, 212, 163) }
```

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

```
.border{ border-color:rgb(150, 212, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 212, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 212, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 212, 163);  
box-shadow:4px 4px 4px 4px rgb(150, 212,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 56.2153, 0.3005, 0.3953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 212, 163) }
```

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

```
.background{ background-color: rgb(150,  
212, 163) }
```

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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