

Converting Colors

$Yxy(56.9837, 0.3104, 0.3938)$

Have a look what the booklet for
Yxy(56.9837, 0.3104, 0.3938)
contains.

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Color

Yxy(56.9837, 0.3104, 0.3938)

Conversions

Conversions Part 1

Format	Color
Hex	A3D3A2
RGB	163, 211, 162
RGB Percent	64%, 83%, 64%
CMY	0.3609, 0.1725, 0.3648
CMYK	0.23, 0.00, 0.23, 0.17
HSL	119°, 36%, 73%
HSV	119°, 23%, 83%
XYZ	44.9155, 56.9837, 42.8029
YIQ	191.0620, -12.8790, -25.4150

Conversions

Conversions Part 2

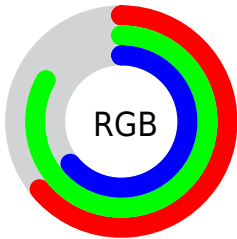
Format	Color
RYB	162, 211, 210
Decimal	10736546
CIELab	80.17, -25.07, 19.30
CIELCh	80, 31.642, 142.412
Yxy	56.9837, 0.3104, 0.3938
Android (android.graphics.Color)	4288926626 (0xFFA3D3A2)
YUV	191.0620, -14.3276, -24.6104
Hunter-Lab	75.4875, -25.8946, 19.2227

Details

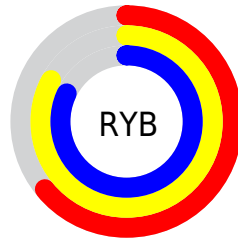
The Yxy color **56.9837, 0.3104, 0.3938** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **44.2390, 0.3145, 0.2715**, and the grayscale version is **52.2267, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.5898, 0.3121, 0.3688**, and **28.2177, 0.3088, 0.4123** is the 20% darker color. If you saturate the color by 10%, you get **54.2916, 0.3091, 0.4270**, and if you desaturate by 10%, it is **60.1631, 0.3115, 0.3637**.

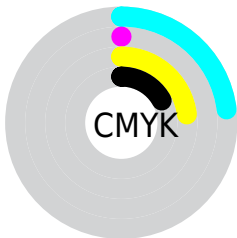
Distribution



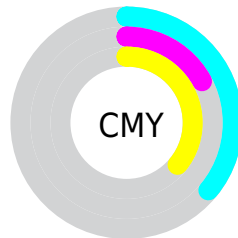
- Red (64%)
- Green (83%)
- Blue (64%)



- Red (64%)
- Yellow (83%)
- Blue (82%)



- Cyan (23%)
- Magenta (0%)
- Yellow (23%)
- Black (17%)





- Cyan (36%)
- Magenta (17%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.9837, 0.3104, 0.3938 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 56.9837, 0.3104, 0.3938 by changing the saturation by 10% instead.


 56.9837, 0.3104,
0.3938

 56.9837, 0.3104,
0.3938


413.3882, 0.3122,
0.3613

 40.9922, 0.3098,
0.4019

 100.4414, 0.3112,
0.3820

 28.3130, 0.3089,
0.4124


 128.6764, 0.3114,
0.3775

 18.5617, 0.3075,
0.4263


161.7612, 0.3116,
0.3738

 11.3540, 0.3052,
0.4457

200.0804, 0.3118,
0.3705

 6.3055, 0.3010,
0.4744

244.0183, 0.3119,
0.3678

 3.0317, 0.2925,
0.5208

293.9593, 0.3120,

 1.1483, 0.2852,

0.3653

0.7148

350.2878, 0.3121,
0.3632

0.0189, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

56.9837, 0.3104,
0.3938

56.9837, 0.3104,
0.3938

54.2916, 0.3091,
0.4270

60.1631, 0.3115,
0.3637

52.0559, 0.3077,
0.4622

63.8445, 0.3124,
0.3369

50.2536, 0.3061,
0.4978

68.0509, 0.3132,
0.3136

48.8565, 0.3045,
0.5315

72.8019, 0.3139,
0.2934

■ 47.8332, 0.3030,
0.5603

■ 75.0736, 0.3147,
0.2861

■ 47.1479, 0.3017,
0.5819

■ 46.7576, 0.3007,
0.5949

■ 46.6215, 0.3004,
0.5997

Harmonies

Analogous

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



56.9837, 0.3510, 0.4035



56.9837, 0.3104, 0.3938



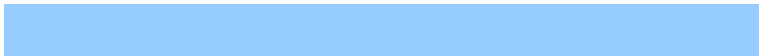
56.9837, 0.2720, 0.3624

Triad

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



56.9837, 0.3104, 0.3938



56.9837, 0.2457, 0.2665



56.9837, 0.3844, 0.3296

Complementary

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



56.9837, 0.3104, 0.3938



44.2390, 0.3145, 0.2715

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.



56.9837, 0.3525, 0.2980



56.9837, 0.3104, 0.3938



56.9837, 0.2720, 0.2626

Square

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



56.9837, 0.3104, 0.3938



56.9837, 0.2364, 0.2869



56.9837, 0.3107, 0.2741



56.9837, 0.3954, 0.3629

Rectangle

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



56.9837, 0.3104, 0.3938



56.9837, 0.2527, 0.3354



56.9837, 0.3107, 0.2741



56.9837, 0.3756, 0.3185

Sweetspot

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



56.9861, 0.3104, 0.3938



95.7366, 0.3121, 0.3468



62.2438, 0.3480, 0.3848



20.4169, 0.3121, 0.3484



0.0000, 0.0000, 0.0000



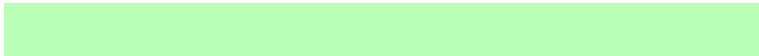
21.4041, 0.3127, 0.3290

Same Dimension

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



56.9861, 0.3104, 0.3938



85.2860, 0.3098, 0.4103



57.7695, 0.2948, 0.3629



13.2176, 0.3119, 0.3530



28.1384, 0.3005, 0.5996



1.5775, 0.3021, 0.5983

Inverse Universe

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



44.2390, 0.3145, 0.2715



62.3187, 0.3149, 0.2588



43.3196, 0.3356, 0.2975



11.9962, 0.3135, 0.3061



10.8219, 0.3159, 0.1514



0.6091, 0.3168, 0.1519

Previews

White Background



This preview shows how the Yxy color 56.9837, 0.3104, 0.3938 looks on a white background.

Color Contrast Check

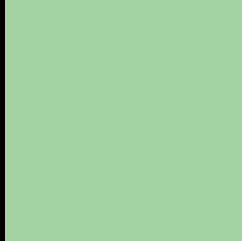
Large Text (above 18pt) WCAG AA × Fail

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 56.9837, 0.3104, 0.3938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

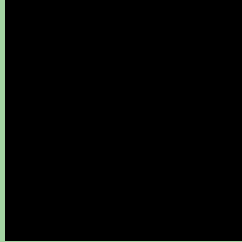
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.9837, 0.3104, 0.3938

Background



This preview shows how black text looks on a background with the Yxy color 56.9837, 0.3104, 0.3938.



This preview shows how white text looks on a background with the Yxy color 56.9837, 0.3104, 0.3938.

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

56.9837, 0.3104, 0.3938

Protanopia

56.6374, 0.3554, 0.3794

Deuteranopia

56.6728, 0.3649, 0.3576



Tritanopia

56.7634, 0.2796, 0.3081

Trichromacy



Original Color

56.9837, 0.3104, 0.3938

Protanomaly

56.6498, 0.3384, 0.3852

Deuteranomaly

56.0839, 0.3434, 0.3692

Tritanomaly

56.7012, 0.2904, 0.3378

Monochromacy



Original Color

56.9837, 0.3104, 0.3938

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

53.5072, 0.3124, 0.3520

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.9837, 0.3104, 0.3938 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(163, 211, 162)` looks like.

```
.text, #text, p{  
    color:rgb(163, 211, 162)  
}
```

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(163, 211, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 211, 162) }
```

Border

The CSS property to change the border of an element to Yxy 56.9837, 0.3104, 0.3938 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(163, 211, 162) }
```

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

```
.border{ border-color:rgb(163, 211, 162) }
```

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

Here you see how a box with a 4 pixel rgb(163, 211, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 211, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 211, 162);  
box-shadow:4px 4px 4px 4px rgb(163, 211,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 56.9837, 0.3104, 0.3938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 211, 162) }
```

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

```
.background{ background-color: rgb(163,  
211, 162) }
```

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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