

Converting Colors

XYZ(39.4660, 52.2016, 39.2458)

Have a look what the booklet for
XYZ(39.4660, 52.2016, 39.2458)
contains.

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Color

**XYZ(39.3337, 51.9922,
39.4149)**

Conversions

Conversions Part 1

Format	Color
Hex	90CD9C
RGB	144, 205, 156
RGB Percent	56%, 80%, 61%
CMY	0.4353, 0.1961, 0.3882
CMYK	0.30, 0.00, 0.24, 0.20
HSL	132°, 38%, 68%
HSV	132°, 30%, 80%
XYZ	39.3337, 51.9922, 39.4149
YIQ	181.1750, -20.6270, -28.1710

Conversions

Conversions Part 2

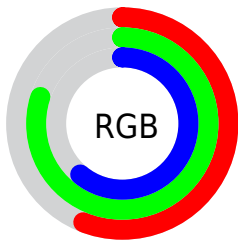
Format	Color
RYB	144, 195, 205
Decimal	9489820
CIELab	77.28, -29.45, 18.28
CIELCh	77, 34.664, 148.167
Yxy	51.9922, 0.3009, 0.3977
Android (android.graphics.Color)	4287679900 (0xFF90CD9C)
YUV	181.1750, -12.4113, -32.6025
Hunter-Lab	72.1056, -28.8129, 18.0644

Details

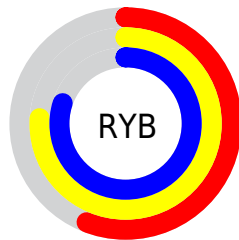
The XYZ color **39.3337, 51.9922, 39.4149** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **44.7775, 36.7771, 55.1930**, and the grayscale version is **44.0898, 46.3859, 50.5143**.

A 20% lighter version of the original color is **71.0711, 88.3653, 74.9384**, and **17.7705, 25.0568, 17.2644** is the 20% darker color. If you saturate the color by 10%, you get **34.7719, 49.7923, 32.4095**, and if you desaturate by 10%, it is **44.7375, 54.6072, 47.4489**.

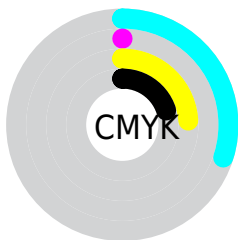
Distribution



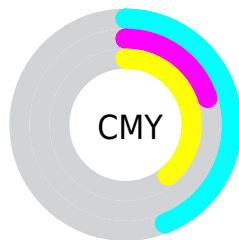
- Red (56%)
- Green (80%)
- Blue (61%)



- Red (56%)
- Yellow (76%)
- Blue (80%)



- Cyan (30%)
- Magenta (0%)
- Yellow (24%)
- Black (20%)



- Cyan (44%)
- Magenta (20%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.3337, 51.9922, 39.4149 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 XYZ color 39.3337, 51.9922, 39.4149 by changing the saturation by 10% instead.

■ 39.3337, 51.9922,
39.4149

■ 39.3337, 51.9922,
39.4149

334.4899,
394.4065, 359.1297

■ 27.2013, 36.9989,
26.7723

■ 73.4386, 93.1197,
75.4990

■ 17.8618, 25.2066,
17.1714

■ 96.1419, 120.0227,
99.7777

■ 10.9499, 16.2311,
10.1935

123.0995,
151.6644, 128.7721

■ 6.1002, 9.6878,
5.4202

154.6768,
188.4291, 162.9008

■ 2.9474, 5.1925,
2.4328

191.2391,
230.7013, 202.5824

■ 1.1260, 2.3606,
0.8042

233.1518,

■ 0.0467, 0.8055,

278.8653, 248.2354

0.0000

280.7803,
333.3056, 300.2783

■ 0.0000, 0.0000,
0.0000

■ 39.3337, 51.9922,
39.4149

■ 39.3337, 51.9922,
39.4149

■ 34.7719, 49.7923,
32.4095

■ 44.7375, 54.6072,
47.4489

■ 31.0052, 47.9799,
26.3877

■ 51.0189, 57.6506,
56.5470

■ 27.9884, 46.5341,
21.3064

■ 58.2164, 61.1427,
66.7475

■ 25.6700, 45.4291,
17.1180

■ 66.3650, 65.1009,
78.0855

■ 23.9915, 44.6362,
13.7705

■ 75.4979, 69.5417,
90.5947

■ 22.8850, 44.1214,
11.2067

■ 81.0913, 72.1322,
104.0943

■ 22.2340, 43.8260,
9.3605

■ 81.1223, 72.1446,
104.2574

■ 22.2209, 43.8200,
9.3238

Harmonies

Analogous

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



43.6256, 51.9922, 30.0833



39.3337, 51.9922, 39.4149



37.7110, 51.9922, 55.4480

Triad

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



39.3337, 51.9922, 39.4149



49.0094, 51.9922, 101.6464



61.5633, 51.9922, 41.0293

Complementary

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



39.3337, 51.9922, 39.4149



44.7775, 36.7771, 55.1930

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.



63.3248, 51.9922, 57.7894



39.3337, 51.9922, 39.4149



55.6996, 51.9922, 95.4022

Square

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



39.3337, 51.9922, 39.4149



42.9773, 51.9922, 93.7539



61.0912, 51.9922, 78.1965



56.4699, 51.9922, 30.8579

Rectangle

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



39.3337, 51.9922, 39.4149



38.2401, 51.9922, 68.8085



61.0912, 51.9922, 78.1965



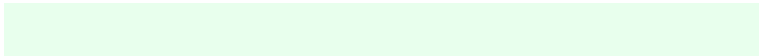
62.5837, 51.9922, 45.9470

Sweetspot

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



39.3351, 51.9944, 39.4161



84.2775, 94.7732, 93.6389



49.0685, 57.1238, 34.8260



17.6915, 20.1169, 19.5450



0.0000, 0.0000, 0.0000



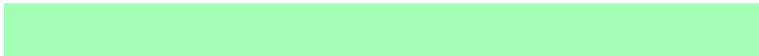
20.3446, 21.4041, 23.3091

Same Dimension

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



39.3351, 51.9944, 39.4161



59.2723, 82.6745, 56.6891



42.1638, 53.1259, 54.3119



11.1568, 12.5724, 12.3829



13.8598, 27.2892, 5.9469



0.7424, 1.4188, 0.4508

Inverse Universe

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



44.7775, 36.7771, 55.1930



69.6502, 53.6365, 86.7577



41.7909, 35.5825, 39.4659



11.5893, 11.3644, 13.6377



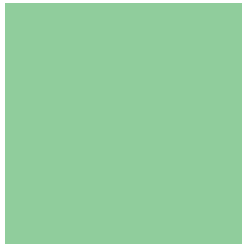
19.9171, 9.7774, 23.0800



1.0523, 0.5143, 1.3213

Previews

White Background



This preview shows how the XYZ color 39.3337, 51.9922, 39.4149 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 XYZ color 39.3337, 51.9922, 39.4149 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

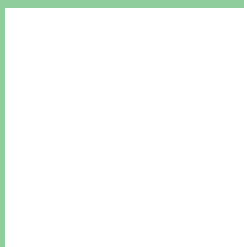
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.3337, 51.9922, 39.4149

Background



This preview shows how black text looks on a background with the XYZ color 39.3337, 51.9922, 39.4149.



This preview shows how white text looks on a background with the XYZ color 39.3337, 51.9922,

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

39.3337, 51.9922, 39.4149

Protanopia

48.4669, 51.6933, 35.8571

Deuteranopia

52.5799, 51.5003, 40.8875



Tritanopia

45.4941, 51.7052, 70.5331

Trichromacy



Original Color

39.3337, 51.9922, 39.4149

Protanomaly

44.4740, 51.2423, 37.2525

Deuteranomaly

46.6270, 50.9713, 40.1818

Tritanomaly

42.9312, 51.6936, 57.5843

Monochromacy



Original Color

39.3337, 51.9922, 39.4149

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

42.0083, 48.1303, 46.1057

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3337, 51.9922, 39.4149 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(144, 205, 156)` looks like.

```
.text, #text, p{  
    color:rgb(144, 205, 156)  
}
```

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(144, 205, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 205, 156) }
```

Border

The CSS property to change the border of an element to XYZ 39.3337, 51.9922, 39.4149 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(144, 205, 156) }
```


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

```
.border{ border-color:rgb(144, 205, 156) }
```

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

Here you see how a box with a 4 pixel rgb(144, 205, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 205, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 205, 156);  
box-shadow:4px 4px 4px 4px rgb(144, 205,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3337, 51.9922, 39.4149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 205, 156) }
```

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

```
.background{ background-color: rgb(144,  
205, 156) }
```

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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