

Converting Colors

XYZ(39.3290, 58.9923, 9.3138)

Have a look what the booklet for
XYZ(39.3290, 58.9923, 9.3138)
contains.

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Color

**XYZ(39.4477, 59.1126,
9.3308)**

Conversions

Conversions Part 1

Format	Color
Hex	9ADE00
RGB	154, 222, 0
RGB Percent	60%, 87%, 0%
CMY	0.3961, 0.1294, 0.9999
CMYK	0.31, 0.00, 1.00, 0.13
HSL	78°, 100%, 44%
HSV	78°, 100%, 87%
XYZ	39.4477, 59.1126, 9.3308
YIQ	176.3600, 30.7340, -83.4580

Conversions

Conversions Part 2

Format	Color
RYB	0, 222, 68
Decimal	10149376
CIELab	81.35, -46.67, 79.67
CIELCh	81, 92.335, 120.357
Yxy	59.1126, 0.3656, 0.5479
Android (android.graphics.Color)	4288339456 (0xFF9ADE00)
YUV	176.3600, -86.9455, -19.6097
Hunter-Lab	76.8847, -42.9642, 46.6238

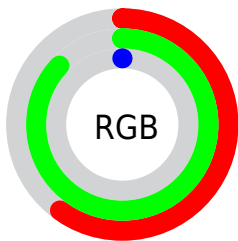
Details

The XYZ color **39.4477, 59.1126, 9.3308** is a dark color, and the websafe version is hex **99CC00**.

The color can be described as dark washed chartreuse. A complement of this color would be **15.5722, 6.5051, 69.5456**, and the grayscale version is **41.8872, 44.0686, 47.9907**.

A 20% lighter version of the original color is **64.9209, 86.3543, 22.2632**, and **18.3555, 29.7053, 4.7663** is the 20% darker color. If you saturate the color by 10%, you get **39.4471, 59.1142, 9.3311**, and if you desaturate by 10%, it is **40.9275, 59.8604, 10.1679**.

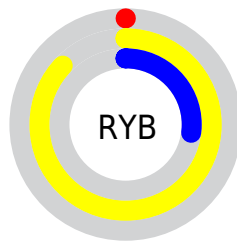
Distribution



Red (60%)

Green (87%)

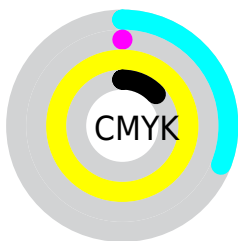
Blue (0%)



Red (0%)

Yellow (87%)

Blue (27%)

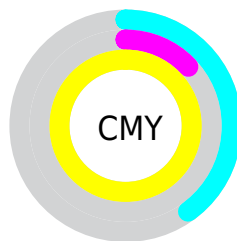


Cyan (31%)

Magenta (0%)

Yellow (100%)

Black (13%)



Cyan (40%)

Magenta (13%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.4477, 59.1126, 9.3308 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 39.4477, 59.1126, 9.3308 by changing the saturation by 10% instead.

■ 39.4477, 59.1126,
9.3308

■ 39.4477, 59.1126,
9.3308

334.9647,
421.3191, 196.1349

■ 27.2905, 42.7038,
4.8578

■ 73.6115, 103.5413,
25.1168

■ 17.9292, 29.6528,
2.1068

■ 96.3487, 132.3300,
37.2669

■ 10.9986, 19.5752,
0.6198

■ 123.3433,
166.0140, 52.8131

■ 6.1332, 12.0866,
0.0000

■ 154.9607,
204.9779, 72.1740

■ 2.9676, 6.8027,
0.0000

■ 191.5662,
249.6059, 95.7680

■ 1.1367, 3.3390,
0.0000

■ 233.5251,

■ 0.0555, 1.3112,

300.2825, 124.0138

0.0000

281.2028,
357.3921, 157.3299

■ 0.0000, 0.1498,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 39.4477, 59.1126,
9.3308

■ 39.4477, 59.1126,
9.3308

■ 39.4471, 59.1142,
9.3311

■ 40.9275, 59.8604,
10.1679

■ 42.6493, 60.7115,
11.8963

■ 44.6704, 61.6912,
14.8057

■ 47.0230, 62.8122,
19.0599

■ 49.7344, 64.0858,
24.7969

■ 52.8285, 65.5217,
32.1375

■ 56.3272, 67.1285,
41.1901

■ 60.2500, 68.9145,
52.0536

■ 64.6155, 70.8869,
64.8194

Harmonies

Analogous

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



55.9538, 59.1126, 5.8616



39.4477, 59.1126, 9.3308



29.7217, 59.1126, 24.8256

Triad

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



39.4477, 59.1126, 9.3308



39.7649, 59.1126, 207.8536



102.0320, 59.1126, 63.7036

Complementary

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



39.4477, 59.1126, 9.3308



15.5722, 6.5051, 69.5456

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.



94.9772, 59.1126, 132.4885



39.4477, 59.1126, 9.3308



56.4163, 59.1126, 239.7237

Square

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



39.4477, 59.1126, 9.3308



29.8732, 59.1126, 134.3533



77.0908, 59.1126, 206.4101



94.6494, 59.1126, 24.2228

Rectangle

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



39.4477, 59.1126, 9.3308



26.9785, 59.1126, 48.1604



77.0908, 59.1126, 206.4101



101.2551, 59.1126, 83.8457

Sweetspot

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



39.4491, 59.1152, 9.3321



76.9832, 91.8372, 56.0521



32.1107, 19.5000, 2.0723



16.0284, 19.4512, 10.8127



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.



39.4491, 59.1152, 9.3321



53.8633, 80.8526, 12.7672



27.1798, 52.7902, 8.7579



14.4417, 15.8079, 14.5968



23.5479, 35.1719, 5.5478



1.7222, 2.4843, 0.3888

Inverse Universe

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



15.5722, 6.5051, 69.5456



21.2020, 8.8449, 95.1975



31.4566, 14.6938, 70.2890



13.3450, 13.4459, 17.2796



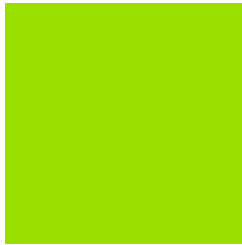
9.3478, 3.9143, 41.3112



0.7373, 0.3174, 2.8676

Previews

White Background



This preview shows how the XYZ color 39.4477, 59.1126, 9.3308 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 39.4477, 59.1126, 9.3308 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 39.4477, 59.1126, 9.3308

Background



This preview shows how black text looks on a background with the XYZ color 39.4477, 59.1126, 9.3308.



This preview shows how white text looks on a background with the XYZ color 39.4477, 59.1126,

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

39.4477, 59.1126, 9.3308

Protanopia

52.7991, 58.5720, 8.5227

Deuteranopia

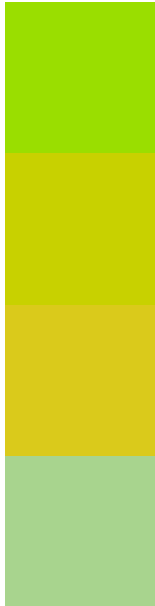
59.9218, 58.4996, 10.3238



Tritanopia

53.2951, 58.7004, 78.3334

Trichromacy



Original Color

39.4477, 59.1126, 9.3308

Protanomaly

46.6199, 57.8803, 8.7149

Deuteranomaly

50.2318, 57.2256, 9.4351

Tritanomaly

44.5744, 57.3648, 34.3144

Monochromacy



Original Color

39.4477, 59.1126, 9.3308

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

38.1430, 47.6346, 22.5133

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4477, 59.1126, 9.3308 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(154, 222, 0)` looks like.

```
.text, #text, p{  
    color:rgb(154, 222, 0)  
}
```

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(154, 222, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 222, 0) }
```

Border

The CSS property to change the border of an element to XYZ 39.4477, 59.1126, 9.3308 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(154, 222, 0) }
```


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

```
.border{ border-color:rgb(154, 222, 0) }
```

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

Here you see how a box with a 4 pixel rgb(154, 222, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 222, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 222, 0);  
box-shadow:4px 4px 4px 4px rgb(154, 222,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4477, 59.1126, 9.3308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 222, 0) }
```

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

```
.background{ background-color: rgb(154,  
222, 0) }
```

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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