

Converting Colors

XYZ(39.5621, 38.6994, 9.9420)

Have a look what the booklet for
XYZ(39.5621, 38.6994, 9.9420)
contains.

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Color

**XYZ(39.5621, 38.6994,
9.9420)**

Conversions

Conversions Part 1

Format	Color
Hex	D19F3E
RGB	209, 159, 62
RGB Percent	82%, 62%, 24%
CMY	0.1804, 0.3764, 0.7569
CMYK	0.00, 0.24, 0.70, 0.18
HSL	40°, 62%, 53%
HSV	40°, 70%, 82%
XYZ	39.5621, 38.6994, 9.9420
YIQ	162.8920, 60.9370, -19.5670

Conversions

Conversions Part 2

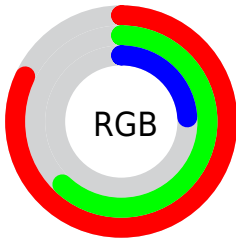
Format	Color
RYB	138, 209, 62
Decimal	13737790
CIELab	68.53, 8.96, 55.69
CIELCh	69, 56.402, 80.863
Yxy	38.6994, 0.4485, 0.4388
Android (android.graphics.Color)	4291927870 (0xFFD19F3E)
YUV	162.8920, -49.7398, 40.4367
Hunter-Lab	62.2088, 4.6527, 34.0707

Details

The XYZ color **39.5621, 38.6994, 9.9420** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **19.2891, 17.2152, 62.6273**, and the grayscale version is **34.9699, 36.7911, 40.0655**.

A 20% lighter version of the original color is **68.0715, 70.0634, 25.8554**, and **17.9402, 17.2092, 2.3761** is the 20% darker color. If you saturate the color by 10%, you get **37.9080, 36.1393, 7.0849**, and if you desaturate by 10%, it is **41.5088, 41.4921, 13.9850**.

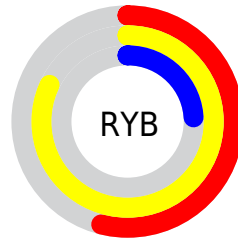
Distribution



Red (82%)

Green (62%)

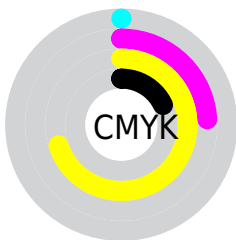
Blue (24%)



Red (54%)

Yellow (82%)

Blue (24%)

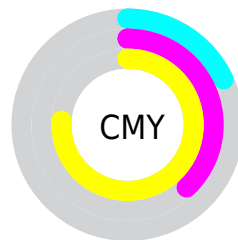


Cyan (0%)

Magenta (24%)

Yellow (70%)

Black (18%)



Cyan (18%)


Magenta (38%)


Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.5621, 38.6994, 9.9420 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 39.5621, 38.6994, 9.9420 by changing the saturation by 10% instead.


 39.5621, 38.6994,
9.9420


 39.5621, 38.6994,
9.9420


335.4406,
340.6108, 200.7274


 27.3800, 26.5260,
5.2554


 73.7848, 73.1789,
26.2925


 17.9969, 17.2175,
2.3365


 96.5561, 96.2537,
38.7934


 11.0474, 10.3897,
0.7516


 123.5879,
123.7311, 54.7362

 6.1663, 5.6581,
0.0000

 155.2454,
155.9955, 74.5395

 2.9881, 2.6383,
0.0000

 191.8941,
193.4313, 98.6217

 1.1475, 0.9460,
0.0000

233.8993,

 0.0643, 0.0000,

236.4228, 127.4014

0.0000

281.6263,
285.3545, 161.2971

■ 0.0000, 0.0000,
0.0000

■ 39.5621, 38.6994,
9.9420

■ 39.5621, 38.6994,
9.9420

■ 37.9080, 36.1393,
7.0849

■ 41.5088, 41.4921,
13.9850

■ 36.5156, 33.7930,
5.2695

■ 43.7691, 44.5230,
19.3312

■ 35.3711, 31.7088,
4.2562

■ 46.3649, 47.8042,
26.0860

■ 49.3151, 51.3450,
34.3437

■ 52.6370, 55.1540,
44.1901

■ 56.3465, 59.2393,
55.7044

■ 60.4588, 63.6085,
68.9609

■ 64.9880, 68.2689,
84.0289

■ 69.9475, 73.2275,
100.9742

Harmonies

Analogous

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



48.6514, 38.6994, 14.4430



39.5621, 38.6994, 9.9420



31.0285, 38.6994, 10.9628

Triad

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



39.5621, 38.6994, 9.9420



23.0188, 38.6994, 62.0707



51.6859, 38.6994, 81.1690

Complementary

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



39.5621, 38.6994, 9.9420



19.2891, 17.2152, 62.6273

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.



43.2075, 38.6994, 106.3708



39.5621, 38.6994, 9.9420



27.0205, 38.6994, 92.6097

Square

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



39.5621, 38.6994, 9.9420



22.3643, 38.6994, 34.8369



34.1365, 38.6994, 111.2393



56.3557, 38.6994, 50.3919

Rectangle

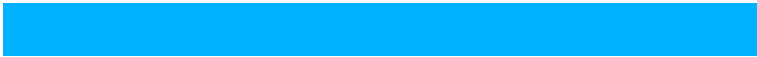
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



39.5621, 38.6994, 9.9420



26.7007, 38.6994, 14.9122



34.1365, 38.6994, 111.2393



49.1281, 38.6994, 91.0168

Sweetspot

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



39.5630, 38.7013, 9.9428



82.0584, 85.9437, 67.8002



31.0232, 18.2032, 17.6349



17.2428, 18.0315, 13.5477



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.



39.5630, 38.7013, 9.9428



58.3956, 54.9363, 9.6056



44.1511, 56.5068, 13.1377



12.4507, 13.0922, 12.4829



21.9035, 19.7400, 2.6558



1.2967, 1.2477, 0.1725

Inverse Universe

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



19.2891, 17.2152, 62.6273



24.9343, 19.6430, 97.0850



16.8922, 9.9362, 61.3487



11.4876, 12.0655, 14.9671



8.5708, 5.7883, 37.8580



0.5521, 0.4695, 2.1411

Previews

White Background



This preview shows how the XYZ color 39.5621, 38.6994, 9.9420 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 39.5621, 38.6994, 9.9420 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 39.5621, 38.6994, 9.9420

Background



This preview shows how black text looks on a background with the XYZ color 39.5621, 38.6994, 9.9420.



This preview shows how white text looks on a background with the XYZ color 39.5621, 38.6994,

9.9420.

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

39.5621, 38.6994, 9.9420

Protanopia

35.4216, 38.9402, 10.4998

Deuteranopia

39.5621, 38.6994, 9.9420



Tritanopia

45.4115, 38.6319, 38.3210

Trichromacy



Original Color

39.5621, 38.6994, 9.9420

Protanomaly

36.8580, 38.8713, 10.2629

Deuteranomaly

39.5621, 38.6994, 9.9420

Tritanomaly

42.4699, 38.3838, 24.2392

Monochromacy



Original Color

39.5621, 38.6994, 9.9420

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

35.5086, 37.0503, 25.0186

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5621, 38.6994, 9.9420 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(209, 159, 62)` looks like.

```
.text, #text, p{  
    color:rgb(209, 159, 62)  
}
```

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(209, 159, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 159, 62) }
```

Border

The CSS property to change the border of an element to XYZ 39.5621, 38.6994, 9.9420 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(209, 159, 62) }
```


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

```
.border{ border-color:rgb(209, 159, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 159, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 159, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 159, 62);  
box-shadow:4px 4px 4px 4px rgb(209, 159,  
62) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5621, 38.6994, 9.9420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 159, 62) }
```

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

```
.background{ background-color: rgb(209,  
159, 62) }
```

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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