

Converting Colors

XYZ(39.4067, 38.6565, 5.3861)

Have a look what the booklet for
XYZ(39.4067, 38.6565, 5.3861)
contains.

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Color

**XYZ(39.5495, 38.7933,
5.4034)**

Conversions

Conversions Part 1

Format	Color
Hex	D49F00
RGB	212, 159, 0
RGB Percent	83%, 62%, 0%
CMY	0.1686, 0.3764, 0.9999
CMYK	0.00, 0.25, 1.00, 0.17
HSL	45°, 100%, 42%
HSV	45°, 100%, 83%
XYZ	39.5495, 38.7933, 5.4034
YIQ	156.7210, 82.6270, -38.2130

Conversions

Conversions Part 2

Format	Color
RYB	71, 212, 0
Decimal	13934336
CIELab	68.60, 8.62, 72.37
CIELCh	69, 72.880, 83.206
Yxy	38.7933, 0.4723, 0.4632
Android (android.graphics.Color)	4292124416 (0xFFD49F00)
YUV	156.7210, -77.2635, 48.4797
Hunter-Lab	62.2843, 4.3471, 38.4554

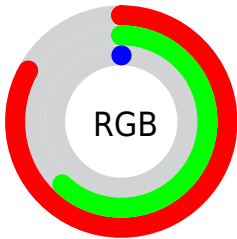
Details

The XYZ color **39.5495, 38.7933, 5.4034** is a dark color, and the websafe version is hex **CC9900**.

The color can be described as dark washed orange. A complement of this color would be **13.1573, 7.3005, 63.0025**, and the grayscale version is **32.2343, 33.9130, 36.9313**.

A 20% lighter version of the original color is **66.3388, 69.3703, 16.7309**, and **18.3115, 17.4005, 2.3935** is the 20% darker color. If you saturate the color by 10%, you get **39.5496, 38.7939, 5.4035**, and if you desaturate by 10%, it is **40.6187, 40.7123, 6.4374**.

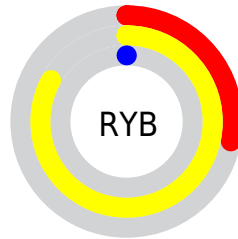
Distribution



Red (83%)

Green (62%)

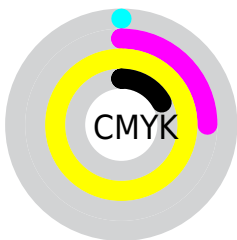
Blue (0%)



Red (28%)

Yellow (83%)

Blue (0%)

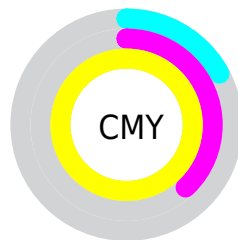


Cyan (0%)

Magenta (25%)

Yellow (100%)

Black (17%)



Cyan (17%)


Magenta (38%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.5495, 38.7933, 5.4034 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 39.5495, 38.7933, 5.4034 by changing the saturation by 10% instead.


 39.5495, 38.7933,
5.4034


 39.5495, 38.7933,
5.4034


335.3882,
341.0109, 162.7386

 27.3701, 26.5990,
2.4230


 73.7657, 73.3224,
17.1352


 17.9894, 17.2723,
0.7989


 96.5333, 96.4260,
26.7237


 11.0420, 10.4288,
0.0000


 123.5609,
123.9349, 39.3519

 6.1626, 5.6842,
0.0000

 155.2141,
156.2333, 55.4385

 2.9858, 2.6540,
0.0000

 191.8580,
193.7057, 75.4019


 1.1463, 0.9539,
0.0000

 233.8581,


 0.0633, 0.0000,


236.7365, 99.6607


0.0000


 281.5797,
285.7101, 128.6334


 0.0000, 0.0000,
0.0000


 39.5495, 38.7933,
5.4034


 39.5495, 38.7933,
5.4034


 39.5496, 38.7939,
5.4035

 40.6187, 40.7123,
6.4374

 41.8774, 42.7688,
8.2777

 43.3771, 44.9857,
11.1902

 45.1461, 47.3751,
15.3207

 47.2081, 49.9472,
20.7924

■ 49.5841, 52.7111,
27.7131

■ 52.2927, 55.6749,
36.1797

■ 55.3513, 58.8464,
46.2806

■ 58.7757, 62.2324,
58.0976

Harmonies

Analogous

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



51.7610, 38.7933, 9.1187



39.5495, 38.7933, 5.4034



28.8288, 38.7933, 6.6801

Triad

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



39.5495, 38.7933, 5.4034



20.0570, 38.7933, 72.4211



57.5596, 38.7933, 92.6403

Complementary

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



39.5495, 38.7933, 5.4034



13.1573, 7.3005, 63.0025

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.



46.2869, 38.7933, 131.2431



39.5495, 38.7933, 5.4034



25.1527, 38.7933, 115.9317

Square

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



39.5495, 38.7933, 5.4034



18.9881, 38.7933, 35.1833



34.3179, 38.7933, 141.4577



63.4685, 38.7933, 50.1808

Rectangle

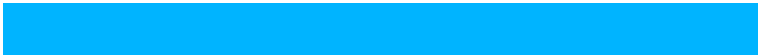
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



39.5495, 38.7933, 5.4034



23.7132, 38.7933, 10.8569



34.3179, 38.7933, 141.4577



54.1723, 38.7933, 107.2355

Sweetspot

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



39.5504, 38.7952, 5.4041



79.2859, 84.4140, 54.4979



27.7942, 14.2544, 4.6560



16.5832, 17.6503, 10.4359



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.



39.5504, 38.7952, 5.4041



59.9260, 58.6321, 8.1587



37.8421, 54.4579, 8.5174



13.1977, 13.9697, 13.1615



24.4993, 24.1159, 3.3636



1.5414, 1.5821, 0.2241

Inverse Universe

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



13.1573, 7.3005, 63.0025



19.8692, 10.8583, 95.6564



13.3525, 5.5110, 62.6468



11.9923, 12.5081, 15.7198



8.1898, 4.6413, 38.9174



0.5603, 0.4126, 2.3694

Previews

White Background



This preview shows how the XYZ color 39.5495, 38.7933, 5.4034 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 39.5495, 38.7933, 5.4034 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 39.5495, 38.7933, 5.4034

Background



This preview shows how black text looks on a background with the XYZ color 39.5495, 38.7933, 5.4034.



This preview shows how white text looks on a background with the XYZ color 39.5495, 38.7933,

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

39.5495, 38.7933, 5.4034

Protanopia

35.0553, 38.8506, 5.9991

Deuteranopia

39.5605, 38.7977, 5.4611



Tritanopia

46.3631, 38.8987, 37.8655

Trichromacy



Original Color

39.5495, 38.7933, 5.4034

Protanomaly

36.5249, 38.7981, 5.7934

Deuteranomaly

39.5550, 38.7955, 5.4322

Tritanomaly

42.1925, 38.1478, 17.4514

Monochromacy



Original Color

39.5495, 38.7933, 5.4034

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.6586, 34.7209, 17.0371

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5495, 38.7933, 5.4034 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(212, 159, 0)` looks like.

```
.text, #text, p{  
    color:rgb(212, 159, 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(212, 159, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 159, 0) }
```

Border

The CSS property to change the border of an element to XYZ 39.5495, 38.7933, 5.4034 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(212, 159, 0) }
```


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

```
.border{ border-color:rgb(212, 159, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 159, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 159, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 159, 0);  
box-shadow:4px 4px 4px 4px rgb(212, 159,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5495, 38.7933, 5.4034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 159, 0) }
```

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

```
.background{ background-color: rgb(212,  
159, 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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