

Converting Colors

XYZ(39.5248, 37.9237, 7.2325)

Have a look what the booklet for
XYZ(39.5248, 37.9237, 7.2325)
contains.

| | |
|--|----|
| XYZ(39.4228, 37.9272, 7.2504) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(39.4228, 37.9272,
7.2504)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D49C28 |
| RGB | 212, 156, 40 |
| RGB Percent | 83%, 61%, 16% |
| CMY | 0.1686, 0.3882, 0.8431 |
| CMYK | 0.00, 0.26, 0.81, 0.17 |
| HSL | 40°, 68%, 49% |
| HSV | 40°, 81%, 83% |
| XYZ | 39.4228, 37.9272, 7.2504 |
| YIQ | 159.5200, 70.6120, -24.2040 |

Conversions

Conversions Part 2

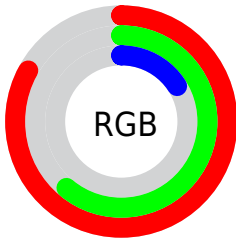
| Format | Color |
|--|---|
| RYB | 123, 212, 40 |
| Decimal | 13933608 |
| CIELab | 67.97, 10.96, 63.71 |
| CIElCh | 68, 64.641, 80.241 |
| Yxy | 37.9272, 0.4660, 0.4483 |
| Android (android.graphics.Color) | 4292123688 (0xFFD49C28) |
| YUV | 159.5200, -58.9234, 46.0250 |
| Hunter-Lab | 61.5851, 6.4904, 36.1293 |

Details

The XYZ color **39.4228, 37.9272, 7.2504** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle washed orange. A complement of this color would be **16.9415, 13.5700, 64.0131**, and the grayscale version is **33.4334, 35.1745, 38.3050**.

A 20% lighter version of the original color is **66.3979, 68.1977, 20.7303**, and **18.0005, 16.7786, 2.2899** is the 20% darker color. If you saturate the color by 10%, you get **38.0309, 35.5712, 5.4689**, and if you desaturate by 10%, it is **41.0797, 40.4977, 10.0956**.

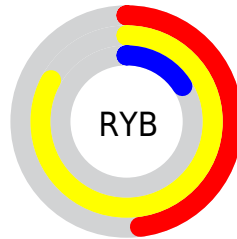
Distribution



Red (83%)

Green (61%)

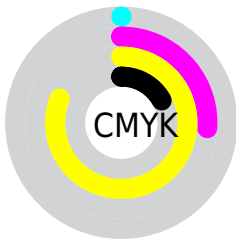
Blue (16%)



Red (48%)

Yellow (83%)

Blue (16%)

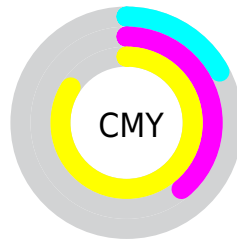


Cyan (0%)

Magenta (26%)

Yellow (81%)

Black (17%)



Cyan (17%)


Magenta (39%)


Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.4228, 37.9272, 7.2504 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 39.4228, 37.9272, 7.2504 by changing the saturation by 10% instead.


 39.4228, 37.9272,
7.2504


 39.4228, 37.9272,
7.2504


334.8610,
337.3076, 179.4375


 27.2710, 25.9262,
3.5384


 73.5737, 71.9965,
20.9966

 17.9145, 16.7684,
1.3757


 96.3035, 94.8337,
31.8678


 10.9879, 10.0695,
0.1226


 123.2901,
122.0516, 45.9626

 6.1260, 5.4451,
0.0000

 154.8987,
154.0348, 63.6994

 2.9632, 2.5107,
0.0000

 191.4947,
191.1676, 85.4967

 1.1343, 0.8820,
0.0000

 233.4436,

 0.0536, 0.0000,

233.8344, 111.7731

0.0000

281.1105,
282.4196, 142.9472

■ 0.0000, 0.0000,
0.0000

■ 39.4228, 37.9272,
7.2504

■ 39.4228, 37.9272,
7.2504

■ 38.0309, 35.5712,
5.4689

■ 41.0797, 40.4977,
10.0956

■ 36.9709, 33.6365,
4.5439

■ 43.0285, 43.2903,
14.1517

■ 45.2949, 46.3186,
19.5448

■ 47.9004, 49.5929,
26.3844

■ 50.8648, 53.1225,
34.7688

■ 54.2059, 56.9162,
44.7873

■ 57.9403, 60.9821,
56.5227

■ 62.0835, 65.3279,
70.0520

■ 66.6500, 69.9610,
85.4473

Harmonies

Analogous

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



49.8668, 37.9272, 11.6979



39.4228, 37.9272, 7.2504



29.7706, 37.9272, 8.1018

Triad

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



39.4228, 37.9272, 7.2504



20.7934, 37.9272, 63.5432



53.0291, 37.9272, 87.7400

Complementary

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



39.4228, 37.9272, 7.2504



16.9415, 13.5700, 64.0131

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.



43.1526, 37.9272, 117.9775



39.4228, 37.9272, 7.2504



25.0527, 37.9272, 100.0880

Square

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



39.4228, 37.9272, 7.2504



20.1669, 37.9272, 32.6115



32.8728, 37.9272, 123.3225



58.6317, 37.9272, 51.4004

Rectangle

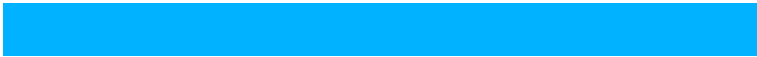
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



39.4228, 37.9272, 7.2504



24.9552, 37.9272, 11.8275



32.8728, 37.9272, 123.3225



50.0215, 37.9272, 99.5492

Sweetspot

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



39.4237, 37.9291, 7.2511



80.6853, 84.6064, 62.9993



30.0834, 16.3842, 12.9686



16.8786, 17.6649, 12.3105



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.



39.4237, 37.9291, 7.2511



56.5098, 51.7326, 7.2267



43.5341, 57.3479, 10.7827



13.1162, 13.8067, 13.1344



22.9189, 20.9550, 2.8368



1.4562, 1.4116, 0.1957

Inverse Universe

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



16.9415, 13.5700, 64.0131



21.6499, 14.2776, 96.2225



15.0734, 7.5245, 62.9446



12.0695, 12.6623, 15.7455



8.7322, 5.7263, 39.0982



0.6011, 0.4941, 2.3830

Previews

White Background



This preview shows how the XYZ color 39.4228, 37.9272, 7.2504 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 39.4228, 37.9272, 7.2504 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 39.4228, 37.9272, 7.2504

Background



This preview shows how black text looks on a background with the XYZ color 39.4228, 37.9272, 7.2504.



This preview shows how white text looks on a background with the XYZ color 39.4228, 37.9272,

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

39.4228, 37.9272, 7.2504

Protanopia

34.3220, 37.8860, 7.7893

Deuteranopia

38.7177, 37.8157, 7.1780



Tritanopia

45.4246, 37.7452, 36.7897

Trichromacy



Original Color

39.4228, 37.9272, 7.2504

Protanomaly

35.8439, 37.6099, 7.5608

Deuteranomaly

39.0015, 37.9621, 7.1913

Tritanomaly

42.1036, 37.3087, 20.9018

Monochromacy



Original Color

39.4228, 37.9272, 7.2504

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

34.1409, 35.6409, 21.6030

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4228, 37.9272, 7.2504 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, 156, 40)` looks like.

```
.text, #text, p{  
    color:rgb(212, 156, 40)  
}
```

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, 156, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 156, 40) }
```

Border

The CSS property to change the border of an element to XYZ 39.4228, 37.9272, 7.2504 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, 156, 40) }
```


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

```
.border{ border-color:rgb(212, 156, 40) }
```

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

Here you see how a box with a 4 pixel rgb(212, 156, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 156, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 156, 40);  
box-shadow:4px 4px 4px 4px rgb(212, 156,  
40) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4228, 37.9272, 7.2504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 156, 40) }
```

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

```
.background{ background-color: rgb(212,  
156, 40) }
```

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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