

Converting Colors

XYZ(39.2219, 36.7904, 9.4489)

Have a look what the booklet for
XYZ(39.2219, 36.7904, 9.4489)
contains.

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Color

**XYZ(39.2219, 36.7904,
9.4489)**

Conversions

Conversions Part 1

Format	Color
Hex	D4983D
RGB	212, 152, 61
RGB Percent	83%, 60%, 24%
CMY	0.1686, 0.4039, 0.7608
CMYK	0.00, 0.28, 0.71, 0.17
HSL	36°, 64%, 54%
HSV	36°, 71%, 83%
XYZ	39.2219, 36.7904, 9.4489
YIQ	159.5660, 64.9710, -15.5810

Conversions

Conversions Part 2

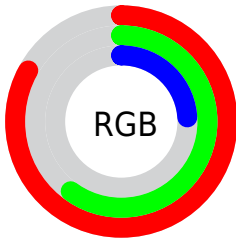
Format	Color
RYB	161, 212, 61
Decimal	13932605
CIELab	67.12, 13.98, 54.76
CIElCh	67, 56.518, 75.684
Yxy	36.7904, 0.4589, 0.4305
Android (android.graphics.Color)	4292122685 (0xFFD4983D)
YUV	159.5660, -48.5930, 45.9846
Hunter-Lab	60.6551, 9.2785, 33.2223

Details

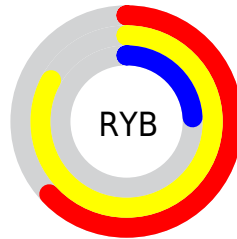
The XYZ color **39.2219, 36.7904, 9.4489** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **20.6452, 19.4195, 64.9472**, and the grayscale version is **33.4102, 35.1501, 38.2785**.

A 20% lighter version of the original color is **66.2919, 66.5949, 24.9829**, and **17.7905, 16.0797, 2.1660** is the 20% darker color. If you saturate the color by 10%, you get **37.4410, 33.9691, 6.5733**, and if you desaturate by 10%, it is **41.3272, 39.8998, 13.5464**.

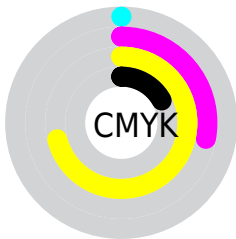
Distribution



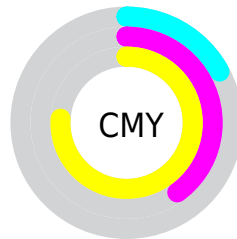
- Red (83%)
- Green (60%)
- Blue (24%)



- Red (63%)
- Yellow (83%)
- Blue (24%)



- Cyan (0%)
- Magenta (28%)
- Yellow (71%)
- Black (17%)





- Cyan (17%)
- Magenta (40%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.2219, 36.7904, 9.4489 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 39.2219, 36.7904, 9.4489 by changing the saturation by 10% instead.


 39.2219, 36.7904,
9.4489


 39.2219, 36.7904,
9.4489


334.0239,
332.4022, 197.0320


 27.1139, 25.0452,
4.9343


 73.2691, 70.2503,
25.3450


 17.7958, 16.1108,
2.1507


 95.9390, 92.7338,
37.5637


 10.9023, 9.6026,
0.6457


 122.8602,
119.5656, 53.1875

 6.0680, 5.1363,
0.0000

 154.3981,
151.1301, 72.6349

 2.9275, 2.3274,
0.0000

 190.9181,
187.8115, 96.3245

 1.1155, 0.7882,
0.0000

232.7855,

 0.0381, 0.0000,

229.9945, 124.6749

0.0000

280.3657,
278.0632, 158.1045

■ 0.0000, 0.0000,
0.0000

■ 39.2219, 36.7904,
9.4489

■ 39.2219, 36.7904,
9.4489

■ 37.4410, 33.9691,
6.5733

■ 41.3272, 39.8998,
13.5464

■ 35.9516, 31.4151,
4.7673

■ 43.7801, 43.3052,
18.9894

■ 34.8402, 29.3749,
3.8336

■ 46.6041, 47.0205,
25.8887

■ 49.8195, 51.0569,
34.3428

■ 53.4453, 55.4246,
44.4415

■ 57.4986, 60.1335,
56.2678

■ 61.9959, 65.1927,
69.8990

■ 66.9524, 70.6111,
85.4076

■ 72.3827, 76.3971,
102.8623

Harmonies

Analogous

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



47.8504, 36.7904, 14.8165



39.2219, 36.7904, 9.4489



30.6826, 36.7904, 9.5611

Triad

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



39.2219, 36.7904, 9.4489



21.3328, 36.7904, 54.2853



48.1956, 36.7904, 83.1296

Complementary

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



39.2219, 36.7904, 9.4489



20.6452, 19.4195, 64.9472

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.



39.6353, 36.7904, 105.2069



39.2219, 36.7904, 9.4489



24.6342, 36.7904, 84.4381

Square

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



39.2219, 36.7904, 9.4489



21.2593, 36.7904, 29.4449



31.0337, 36.7904, 105.7653



53.5790, 36.7904, 52.9578

Rectangle

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



39.2219, 36.7904, 9.4489



26.1760, 36.7904, 12.5772



31.0337, 36.7904, 105.7653



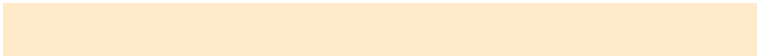
45.5369, 36.7904, 92.2030

Sweetspot

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



39.2227, 36.7922, 9.4496



81.1798, 84.1866, 67.5073



32.2960, 18.7251, 20.1306



17.0331, 17.6121, 13.4778



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.



39.2227, 36.7922, 9.4496



55.7598, 49.7334, 8.5156



47.3854, 59.2804, 13.3600



13.0396, 13.6534, 13.1088



21.6090, 18.3353, 2.4001



1.3832, 1.2656, 0.1714

Inverse Universe

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



20.6452, 19.4195, 64.9472



26.1125, 22.1447, 97.5058



16.5411, 9.6319, 63.2743



12.1434, 12.8103, 15.7701



9.3964, 7.0545, 39.3196



0.6464, 0.5849, 2.3981

Previews

White Background



This preview shows how the XYZ color 39.2219, 36.7904, 9.4489 looks on a white background.

Color Contrast Check

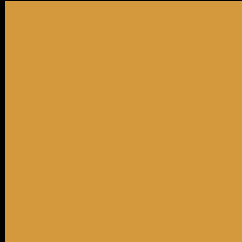
Large Text (above 18pt) WCAG AA × Fail

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 39.2219, 36.7904, 9.4489 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 39.2219, 36.7904, 9.4489

Background



This preview shows how black text looks on a background with the XYZ color 39.2219, 36.7904, 9.4489.



This preview shows how white text looks on a background with the XYZ color 39.2219, 36.7904,

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

39.2219, 36.7904, 9.4489

Protanopia

33.7293, 36.9884, 10.2122

Deuteranopia

37.6059, 36.9405, 9.4232



Tritanopia

44.4857, 36.8503, 34.9052

Trichromacy



Original Color

39.2219, 36.7904, 9.4489

Protanomaly

35.7161, 36.9698, 9.9561

Deuteranomaly

38.2691, 37.0343, 9.4063

Tritanomaly

41.9880, 36.5128, 22.6040

Monochromacy



Original Color

39.2219, 36.7904, 9.4489

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

34.2855, 35.1529, 24.0469

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2219, 36.7904, 9.4489 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, 152, 61)` looks like.

```
.text, #text, p{  
    color:rgb(212, 152, 61)  
}
```

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, 152, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 152, 61) }
```

Border

The CSS property to change the border of an element to XYZ 39.2219, 36.7904, 9.4489 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, 152, 61) }
```


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

```
.border{ border-color:rgb(212, 152, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 152, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 152, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 152, 61);  
box-shadow:4px 4px 4px 4px rgb(212, 152,  
61) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2219, 36.7904, 9.4489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 152, 61) }
```

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

```
.background{ background-color: rgb(212,  
152, 61) }
```

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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