

Converting Colors

XYZ(39.3473, 36.6742, 10.1805)

Have a look what the booklet for
XYZ(39.3473, 36.6742, 10.1805)
contains.

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Color

**XYZ(39.2014, 36.5236,
10.1379)**

Conversions

Conversions Part 1

Format	Color
Hex	D49742
RGB	212, 151, 66
RGB Percent	83%, 59%, 26%
CMY	0.1686, 0.4078, 0.7412
CMYK	0.00, 0.29, 0.69, 0.17
HSL	35°, 63%, 55%
HSV	35°, 69%, 83%
XYZ	39.2014, 36.5236, 10.1379
YIQ	159.5490, 63.6410, -13.5030

Conversions

Conversions Part 2

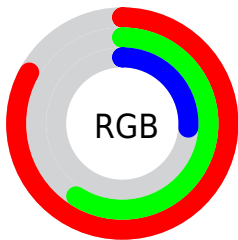
Format	Color
RYB	171, 212, 66
Decimal	13932354
CIELab	66.92, 14.78, 52.31
CIElCh	67, 54.361, 74.225
Yxy	36.5236, 0.4566, 0.4254
Android (android.graphics.Color)	4292122434 (0xFFD49742)
YUV	159.5490, -46.1197, 45.9995
Hunter-Lab	60.4348, 10.0244, 32.3585

Details

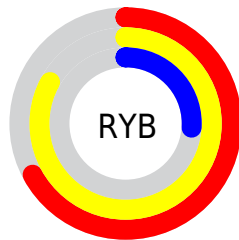
The XYZ color **39.2014, 36.5236, 10.1379** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **21.7195, 21.0897, 65.2131**, and the grayscale version is **33.3918, 35.1307, 38.2574**.

A 20% lighter version of the original color is **66.3413, 66.2306, 26.4268**, and **17.7433, 15.9064, 2.3935** is the 20% darker color. If you saturate the color by 10%, you get **37.3163, 33.5753, 6.9766**, and if you desaturate by 10%, it is **41.4268, 39.7824, 14.5556**.

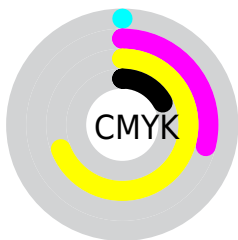
Distribution



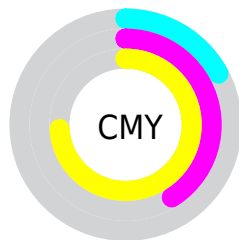
- Red (83%)
- Green (59%)
- Blue (26%)



- Red (67%)
- Yellow (83%)
- Blue (26%)



- Cyan (0%)
- Magenta (29%)
- Yellow (69%)
- Black (17%)




- Cyan (17%)
- Magenta (41%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.2014, 36.5236, 10.1379 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 39.2014, 36.5236, 10.1379 by changing the saturation by 10% instead.


 39.2014, 36.5236,
10.1379


 39.2014, 36.5236,
10.1379


333.9384,
331.2433, 202.1739


 27.0979, 24.8389,
5.3837


 73.2380, 69.8395,
26.6664


 17.7837, 15.9570,
2.4114


 95.9018, 92.2394,
39.2778


 10.8936, 9.4938,
0.7927


 122.8163,
118.9798, 55.3453

 6.0621, 5.0646,
0.0000

 154.3470,
150.4451, 75.2875

 2.9239, 2.2852,
0.0000

 190.8592,
187.0197, 99.5229

 1.1136, 0.7659,
0.0000

232.7183,

 0.0365, 0.0000,

229.0881, 128.4701

0.0000

280.2896,
277.0345, 162.5476

■ 0.0000, 0.0000,
0.0000

■ 39.2014, 36.5236,
10.1379

■ 39.2014, 36.5236,
10.1379

■ 37.3163, 33.5753,
6.9766

■ 41.4268, 39.7824,
14.5556

■ 35.7396, 30.9164,
4.9264

■ 44.0153, 43.3599,
20.3494

■ 34.4268, 28.5269,
3.7608

■ 46.9901, 47.2704,
27.6270

■ 34.2879, 28.2702,
3.6495

■ 50.3714, 51.5255,
36.4847

■ 54.1780, 56.1359,
47.0108

■ 58.4273, 61.1118,
59.2869

■ 63.1355, 66.4629,
73.3891

■ 68.3180, 72.1984,
89.3893

■ 73.6981, 78.2106,
105.8196

Harmonies

Analogous

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



47.3480, 36.5236, 15.7765



39.2014, 36.5236, 10.1379



30.9658, 36.5236, 10.0108

Triad

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



39.2014, 36.5236, 10.1379



21.5126, 36.5236, 51.9898



46.9764, 36.5236, 81.9399

Complementary

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



39.2014, 36.5236, 10.1379



21.7195, 21.0897, 65.2131

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.



38.7544, 36.5236, 101.9422



39.2014, 36.5236, 10.1379



24.5557, 36.5236, 80.5431

Square

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



39.2014, 36.5236, 10.1379



21.5933, 36.5236, 28.6661



30.5839, 36.5236, 101.3486



52.2984, 36.5236, 53.4197

Rectangle

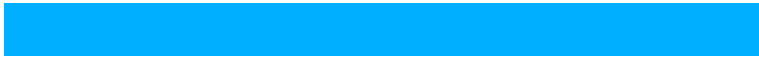
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



39.2014, 36.5236, 10.1379



26.5457, 36.5236, 12.8156



30.5839, 36.5236, 101.3486



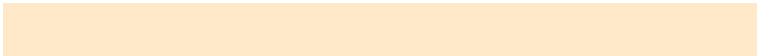
44.4078, 36.5236, 90.3066

Sweetspot

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



39.2022, 36.5254, 10.1386



80.8694, 83.5658, 67.4038



33.0799, 19.4859, 22.8800



16.9592, 17.4642, 13.4531



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.



39.2022, 36.5254, 10.1386



55.4240, 48.9200, 8.8407



48.9561, 60.0739, 14.1698



13.0179, 13.6099, 13.1016



21.2687, 17.6547, 2.2867



1.3638, 1.2267, 0.1649

Inverse Universe

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



21.7195, 21.0897, 65.2131



27.2814, 24.1820, 97.8374



16.7915, 10.1759, 63.3662



12.1646, 12.8527, 15.7772



9.6137, 7.4891, 39.3920



0.6606, 0.6132, 2.4029

Previews

White Background



This preview shows how the XYZ color 39.2014, 36.5236, 10.1379 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 39.2014, 36.5236, 10.1379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

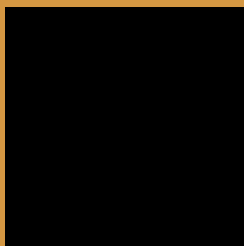
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.2014, 36.5236, 10.1379

Background



This preview shows how black text looks on a background with the XYZ color 39.2014, 36.5236, 10.1379.



This preview shows how white text looks on a background with the XYZ color 39.2014, 36.5236,

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

39.2014, 36.5236, 10.1379

Protanopia

33.2587, 36.4603, 11.0790

Deuteranopia

37.3041, 36.5209, 10.0841



Tritanopia

44.3362, 36.5513, 34.8553

Trichromacy



Original Color

39.2014, 36.5236, 10.1379

Protanomaly

35.2105, 36.4324, 10.8066

Deuteranomaly

37.9633, 36.6147, 10.0675

Tritanomaly

41.8955, 36.2302, 22.8742

Monochromacy



Original Color

39.2014, 36.5236, 10.1379

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

34.4133, 35.2040, 24.7199

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2014, 36.5236, 10.1379 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, 151, 66)` looks like.

```
.text, #text, p{  
    color:rgb(212, 151, 66)  
}
```

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, 151, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 151, 66) }
```

Border

The CSS property to change the border of an element to XYZ 39.2014, 36.5236, 10.1379 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, 151, 66) }
```


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

```
.border{ border-color:rgb(212, 151, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 151, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 151, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 151, 66);  
box-shadow:4px 4px 4px 4px rgb(212, 151,  
66) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2014, 36.5236, 10.1379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 151, 66) }
```

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

```
.background{ background-color: rgb(212,  
151, 66) }
```

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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