

Converting Colors

XYZ(39.3582, 37.1726, 17.4125)

Have a look what the booklet for
XYZ(39.3582, 37.1726, 17.4125)
contains.

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Color

**XYZ(39.3582, 37.1726,
17.4125)**

Conversions

Conversions Part 1

Format	Color
Hex	CE9A65
RGB	206, 154, 101
RGB Percent	81%, 60%, 40%
CMY	0.1922, 0.3961, 0.6039
CMYK	0.00, 0.25, 0.51, 0.19
HSL	30°, 52%, 60%
HSV	30°, 51%, 81%
XYZ	39.3582, 37.1726, 17.4125
YIQ	163.5060, 48.0050, -5.4590

Conversions

Conversions Part 2

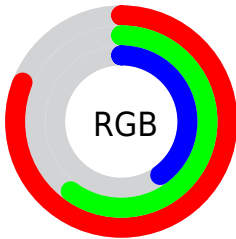
Format	Color
RYB	204, 206, 101
Decimal	13539941
CIELab	67.41, 13.17, 35.25
CIELCh	67, 37.626, 69.512
Yxy	37.1726, 0.4190, 0.3957
Android (android.graphics.Color)	4291730021 (0xFFCE9A65)
YUV	163.5060, -30.8155, 37.2672
Hunter-Lab	60.9693, 8.5327, 25.7456

Details

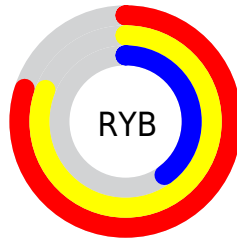
The XYZ color **39.3582, 37.1726, 17.4125** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **27.8981, 30.0042, 62.7134**, and the grayscale version is **35.1784, 37.0104, 40.3044**.

A 20% lighter version of the original color is **69.5456, 68.6717, 39.7265**, and **17.8873, 16.3471, 5.5807** is the 20% darker color. If you saturate the color by 10%, you get **36.8601, 33.5943, 12.2090**, and if you desaturate by 10%, it is **42.2542, 41.1419, 23.9973**.

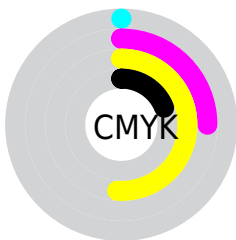
Distribution



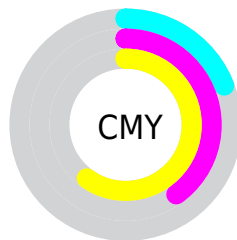
- Red (81%)
- Green (60%)
- Blue (40%)



- Red (80%)
- Yellow (81%)
- Blue (40%)



- Cyan (0%)
- Magenta (25%)
- Yellow (51%)
- Black (19%)





- Cyan (19%)
- Magenta (40%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.3582, 37.1726, 17.4125 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 39.3582, 37.1726, 17.4125 by changing the saturation by 10% instead.


 39.3582, 37.1726,
17.4125


 39.3582, 37.1726,
17.4125

334.5920,
334.0572, 249.6623


 27.2205, 25.3412,
10.3640


 73.4758, 70.8382,
39.8340


 17.8763, 16.3314,
5.5322


 96.1863, 93.4411,
56.0440

 10.9604, 9.7590,
2.4986


 123.1519,
120.4033, 76.1450

 6.1073, 5.2394,
0.8394

 154.7378,
152.1091, 100.5554

 2.9517, 2.3884,
0.0000

191.3094,
188.9431, 129.6938

 1.1283, 0.8199,
0.0000

233.2321,

 0.0486, 0.0000,

231.2894, 163.9787

0.0000

280.8712,
279.5327, 203.8287

■ 0.0000, 0.0000,
0.0000

■ 39.3582, 37.1726,
17.4125

■ 39.3582, 37.1726,
17.4125

■ 36.8601, 33.5943,
12.2090

■ 42.2542, 41.1419,
23.9973

■ 34.7343, 30.3867,
8.2820

■ 45.5661, 45.5106,
32.0534

■ 32.9561, 27.5356,
5.5149

■ 49.3138, 50.2933,
41.6656

■ 31.4954, 25.0227,
3.7683

■ 53.5151, 55.5022,
52.9116

■ 30.4029, 23.0204,
2.8410

■ 58.1866, 61.1491,
65.8638

■ 63.3441, 67.2448,
80.5904

■ 69.0026, 73.8003,
97.1556

■ 73.3878, 80.1102,
106.2026

■ 76.4028, 86.1403,
107.2076

Harmonies

Analogous

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



44.5994, 37.1726, 23.4396



39.3582, 37.1726, 17.4125



33.5298, 37.1726, 16.5314

Triad

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



39.3582, 37.1726, 17.4125



25.4812, 37.1726, 45.9548



42.8697, 37.1726, 70.2655

Complementary

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



39.3582, 37.1726, 17.4125



27.8981, 30.0042, 62.7134

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.



37.1965, 37.1726, 80.5888



39.3582, 37.1726, 17.4125



27.4456, 37.1726, 64.2394

Square

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



39.3582, 37.1726, 17.4125



25.9255, 37.1726, 30.3419



31.5892, 37.1726, 78.1249



46.7749, 37.1726, 52.6441

Rectangle

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



39.3582, 37.1726, 17.4125



30.1438, 37.1726, 18.6442



31.5892, 37.1726, 78.1249



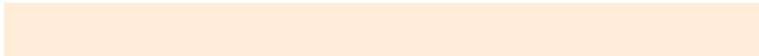
41.0825, 37.1726, 74.8958

Sweetspot

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



39.3591, 37.1744, 17.4132



83.7443, 86.2816, 77.7155



35.8986, 24.7459, 33.2386



17.6148, 18.0832, 15.8057



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.



39.3591, 37.1744, 17.4132



59.4287, 53.9994, 19.2082



49.8739, 58.2040, 20.9182



11.6725, 12.1340, 11.8063



18.8184, 14.3698, 1.7818



1.0467, 0.8931, 0.1172

Inverse Universe

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



27.8981, 30.0042, 62.7134



38.8640, 41.1362, 100.4995



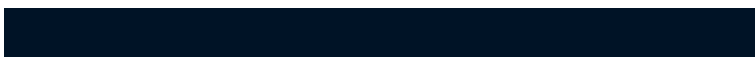
21.1614, 16.5307, 60.4679



11.0529, 11.7462, 14.2551



9.8832, 8.7904, 37.1321



0.5858, 0.6053, 1.9409

Previews

White Background



This preview shows how the XYZ color 39.3582, 37.1726, 17.4125 looks on a white background.

Color Contrast Check

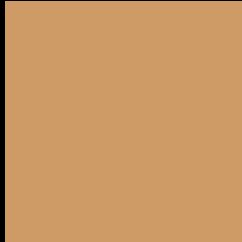
Large Text (above 18pt) WCAG AA × Fail

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 39.3582, 37.1726, 17.4125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

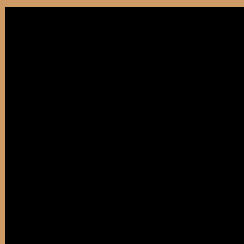
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.3582, 37.1726, 17.4125

Background



This preview shows how black text looks on a background with the XYZ color 39.3582, 37.1726, 17.4125.



This preview shows how white text looks on a background with the XYZ color 39.3582, 37.1726,

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

39.3582, 37.1726, 17.4125

Protanopia

34.4157, 37.1545, 18.7222

Deuteranopia

37.9104, 37.1762, 17.2342



Tritanopia

43.4692, 37.1849, 37.2341

Trichromacy



Original Color

39.3582, 37.1726, 17.4125

Protanomaly

36.0558, 36.9599, 18.3303

Deuteranomaly

38.5458, 37.2536, 17.2157

Tritanomaly

41.7162, 37.1741, 28.6436

Monochromacy



Original Color

39.3582, 37.1726, 17.4125

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.9689, 36.6484, 30.3774

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3582, 37.1726, 17.4125 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(206, 154, 101)` looks like.

```
.text, #text, p{  
    color:rgb(206, 154, 101)  
}
```

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(206, 154, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 154, 101) }
```

Border

The CSS property to change the border of an element to XYZ 39.3582, 37.1726, 17.4125 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(206, 154, 101) }
```


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

```
.border{ border-color:rgb(206, 154, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 154, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 154, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 154, 101);  
box-shadow:4px 4px 4px 4px rgb(206, 154,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3582, 37.1726, 17.4125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 154, 101) }
```

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

```
.background{ background-color: rgb(206,  
154, 101) }
```

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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