

Converting Colors

XYZ(41.3991, 37.0518, 14.1985)

Have a look what the booklet for
XYZ(41.3991, 37.0518, 14.1985)
contains.

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Color

**XYZ(41.4223, 37.1049,
14.2113)**

Conversions

Conversions Part 1

Format	Color
Hex	DA9558
RGB	218, 149, 88
RGB Percent	85%, 58%, 35%
CMY	0.1451, 0.4157, 0.6549
CMYK	0.00, 0.32, 0.60, 0.15
HSL	28°, 64%, 60%
HSV	28°, 60%, 85%
XYZ	41.4223, 37.1049, 14.2113
YIQ	162.6770, 60.7050, -4.3430

Conversions

Conversions Part 2

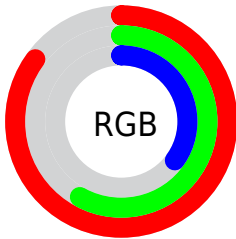
Format	Color
R _Y B	218, 203, 88
Decimal	14325080
CIE Lab	67.36, 19.79, 42.27
CIE LCh	67, 46.671, 64.907
Yxy	37.1049, 0.4467, 0.4001
Android (android.graphics.Color)	4292515160 (0xFFDA9558)
YUV	162.6770, -36.8158, 48.5183
Hunter-Lab	60.9138, 14.7836, 28.8072

Details

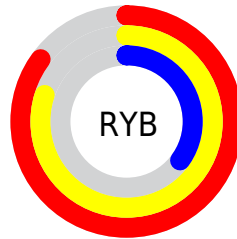
The XYZ color **41.4223, 37.1049, 14.2113** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **28.7356, 31.2490, 70.8463**, and the grayscale version is **34.8093, 36.6221, 39.8814**.

A 20% lighter version of the original color is **67.2561, 65.8360, 33.5889**, and **19.0320, 16.2528, 4.0535** is the 20% darker color. If you saturate the color by 10%, you get **38.9104, 33.3167, 9.5655**, and if you desaturate by 10%, it is **44.3878, 41.3686, 20.3408**.

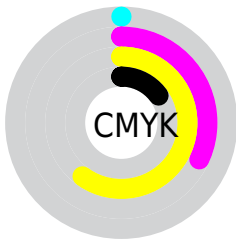
Distribution



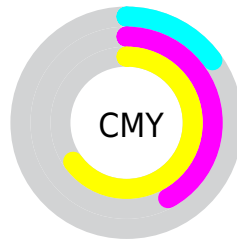
- Red (85%)
- Green (58%)
- Blue (35%)



- Red (85%)
- Yellow (80%)
- Blue (35%)



- Cyan (0%)
- Magenta (32%)
- Yellow (60%)
- Black (15%)





- Cyan (15%)
- Magenta (42%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.4223, 37.1049, 14.2113 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 41.4223, 37.1049, 14.2113 by changing the saturation by 10% instead.


 41.4223, 37.1049,
14.2113


 41.4223, 37.1049,
14.2113


343.1150,
333.7645, 230.0154

 28.8383, 25.2887,
8.1273


 76.5952, 70.7341,
34.1860

 19.1022, 16.2923,
4.0876


 99.9149, 93.3159,
48.9138


 11.8486, 9.7312,
1.6735


 127.5438,
120.2550, 67.3600

 6.7121, 5.2211,
0.3425

 159.8474,
151.9359, 89.9431

 3.3275, 2.3776,
0.0000

 197.1909,
188.7429, 117.0816

 1.3292, 0.8143,
0.0000

239.9398,

 0.2049, 0.0000,

231.0604, 149.1942

0.0000

288.4594,
279.2728, 186.6992

■ 0.0000, 0.0000,
0.0000

■ 41.4223, 37.1049,
14.2113

■ 41.4223, 37.1049,
14.2113

■ 38.9104, 33.3167,
9.5655

■ 44.3878, 41.3686,
20.3408

■ 36.8192, 29.9778,
6.2684

■ 47.8312, 46.1209,
28.0684

■ 35.1148, 27.0673,
4.1636

■ 51.7777, 51.3815,
37.4999

■ 33.7407, 24.5533,
2.9840

■ 56.2500, 57.1666,
48.7309

■ 33.6943, 24.4674,
2.9468

■ 61.2692, 63.4921,
61.8502

■ 66.8551, 70.3729,
76.9406

■ 73.0263, 77.8232,
94.0797

■ 78.5860, 85.3708,
106.9440

■ 82.1310, 92.4609,
108.1257

Harmonies

Analogous

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



47.7808, 37.1049, 21.8037



41.4223, 37.1049, 14.2113



34.1044, 37.1049, 12.5054

Triad

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



41.4223, 37.1049, 14.2113



23.2700, 37.1049, 43.8624



43.7308, 37.1049, 82.0379

Complementary

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



41.4223, 37.1049, 14.2113



28.7356, 31.2490, 70.8463

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.



36.4559, 37.1049, 93.6727



41.4223, 37.1049, 14.2113



25.1546, 37.1049, 67.3694

Square

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



41.4223, 37.1049, 14.2113



24.2276, 37.1049, 25.9025



29.7540, 37.1049, 87.5564



49.2348, 37.1049, 59.4969

Rectangle

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



41.4223, 37.1049, 14.2113



29.7900, 37.1049, 14.1845



29.7540, 37.1049, 87.5564



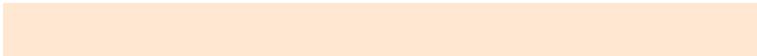
41.3775, 37.1049, 87.6465

Sweetspot

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



41.4232, 37.1068, 14.2120



81.2362, 82.8187, 72.0905



38.5175, 24.3308, 34.7142



16.9628, 17.1841, 14.3403



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.



41.4232, 37.1068, 14.2120



54.5419, 46.0234, 12.0375



54.6369, 63.5342, 18.6166



13.5573, 14.0540, 13.7237



20.2923, 14.8702, 1.8007



1.4004, 1.1349, 0.1452

Inverse Universe

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



28.7356, 31.2490, 70.8463



34.8365, 36.8918, 99.8925



20.5357, 14.8492, 68.1130



12.9079, 13.7556, 16.6269



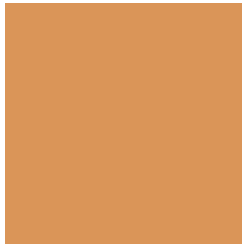
11.4112, 10.6918, 41.2007



0.8253, 0.8647, 2.6979

Previews

White Background



This preview shows how the XYZ color 41.4223, 37.1049, 14.2113 looks on a white background.

Color Contrast Check

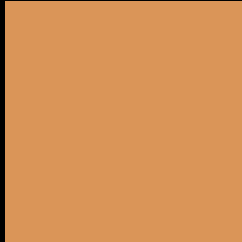
Large Text (above 18pt) WCAG AA × Fail

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 41.4223, 37.1049, 14.2113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

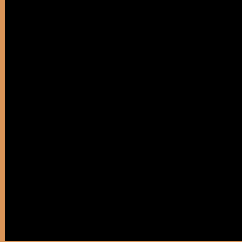
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.4223, 37.1049, 14.2113

Background



This preview shows how black text looks on a background with the XYZ color 41.4223, 37.1049, 14.2113.



This preview shows how white text looks on a background with the XYZ color 41.4223, 37.1049,

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

41.4223, 37.1049, 14.2113

Protanopia

34.0736, 37.0445, 15.7104

Deuteranopia

38.0938, 37.3424, 14.0041



Tritanopia

45.6238, 37.0047, 34.4438

Trichromacy



Original Color

41.4223, 37.1049, 14.2113

Protanomaly

36.5346, 37.0209, 15.1177

Deuteranomaly

39.2883, 37.2092, 14.1282

Tritanomaly

43.7545, 36.9036, 25.5859

Monochromacy



Original Color

41.4223, 37.1049, 14.2113

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

36.1992, 36.2986, 28.3910

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4223, 37.1049, 14.2113 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(218, 149, 88)` looks like.

```
.text, #text, p{  
    color:rgb(218, 149, 88)  
}
```

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(218, 149, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 149, 88) }
```

Border

The CSS property to change the border of an element to XYZ 41.4223, 37.1049, 14.2113 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(218, 149, 88) }
```


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

```
.border{ border-color:rgb(218, 149, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 149, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 149, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 149, 88);  
box-shadow:4px 4px 4px 4px rgb(218, 149,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4223, 37.1049, 14.2113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 149, 88) }
```

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

```
.background{ background-color: rgb(218,  
149, 88) }
```

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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