

Converting Colors

XYZ(41.3186, 42.0430, 10.9115)

Have a look what the booklet for
XYZ(41.3186, 42.0430, 10.9115)
contains.

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Color

**XYZ(41.2513, 41.9422,
10.9225)**

Conversions

Conversions Part 1

Format	Color
Hex	D1A841
RGB	209, 168, 65
RGB Percent	82%, 66%, 25%
CMY	0.1804, 0.3412, 0.7451
CMYK	0.00, 0.20, 0.69, 0.18
HSL	43°, 61%, 54%
HSV	43°, 69%, 82%
XYZ	41.2513, 41.9422, 10.9225
YIQ	168.5170, 57.4990, -23.3410

Conversions

Conversions Part 2

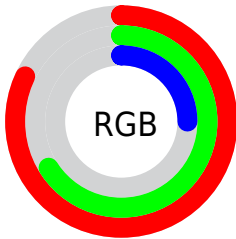
Format	Color
RYB	122, 209, 65
Decimal	13740097
CIELab	70.83, 4.29, 56.78
CIELCh	71, 56.942, 85.680
Yxy	41.9422, 0.4383, 0.4456
Android (android.graphics.Color)	4291930177 (0xFFD1A841)
YUV	168.5170, -51.0339, 35.5036
Hunter-Lab	64.7628, 0.3624, 35.3345

Details

The XYZ color **41.2513, 41.9422, 10.9225** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **18.8425, 16.0349, 62.4233**, and the grayscale version is **37.6985, 39.6617, 43.1916**.

A 20% lighter version of the original color is **70.8977, 75.3434, 27.9456**, and **19.0134, 19.0723, 2.7079** is the 20% darker color. If you saturate the color by 10%, you get **39.6811, 39.5981, 7.9448**, and if you desaturate by 10%, it is **43.0977, 44.4805, 15.0977**.

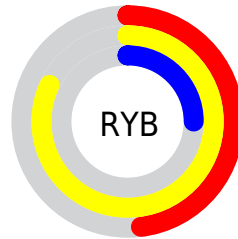
Distribution



Red (82%)

Green (66%)

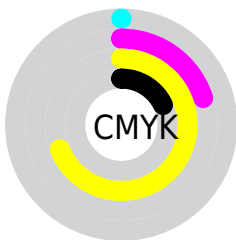
Blue (25%)



Red (48%)

Yellow (82%)

Blue (25%)

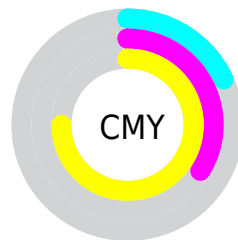


Cyan (0%)

Magenta (20%)

Yellow (69%)

Black (18%)



Cyan (18%)

Magenta (34%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.2513, 41.9422, 10.9225 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 41.2513, 41.9422, 10.9225 by changing the saturation by 10% instead.

41.2513, 41.9422,
10.9225

41.2513, 41.9422,
10.9225

342.4145,
354.2433, 207.8534

28.7040, 29.0560,
5.9012

76.3375, 78.1121,
28.1512

19.0002, 19.1232,
2.7173

99.6072, 102.1647,
41.1958

11.7744, 11.7593,
0.9521

127.1817,
130.7082, 57.7518

6.6614, 6.5800,
0.0000

159.4265,
164.1270, 78.2379

3.2957, 3.2009,
0.0000

196.7067,
202.8055, 103.0725

1.3120, 1.2375,
0.0000

239.3879,

0.1922, 0.0920,

247.1281, 132.6743

0.0000

287.8354,
297.4793, 167.4617

■ 0.0000, 0.0000,
0.0000

■ 41.2513, 41.9422,
10.9225

■ 41.2513, 41.9422,
10.9225

■ 39.6811, 39.5981,
7.9448

■ 43.0977, 44.4805,
15.0977

■ 38.3573, 37.4303,
6.0245

■ 45.2401, 47.2170,
20.5850

■ 37.2382, 35.4227,
4.9407

■ 47.6996, 50.1629,
27.4881

■ 37.1211, 35.2087,
4.8395

■ 50.4945, 53.3264,
35.8996

■ 53.6414, 56.7152,
45.9041

■ 57.1557, 60.3364,
57.5801

■ 61.0519, 64.1968,
71.0008

■ 65.3436, 68.3027,
86.2349

■ 70.0437, 72.6603,
103.3476

Harmonies

Analogous

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



51.0287, 41.9422, 14.7346



41.2513, 41.9422, 10.9225



32.4886, 41.9422, 12.9639

Triad

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



41.2513, 41.9422, 10.9225



25.6124, 41.9422, 72.1751



56.8593, 41.9422, 81.7993

Complementary

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



41.2513, 41.9422, 10.9225



18.8425, 16.0349, 62.4233

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.



48.2806, 41.9422, 110.5679



41.2513, 41.9422, 10.9225



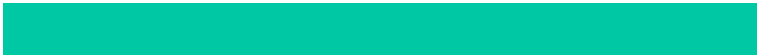
30.4609, 41.9422, 103.6396

Square

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



41.2513, 41.9422, 10.9225



24.3347, 41.9422, 41.8537



38.5097, 41.9422, 119.8279



60.8998, 41.9422, 49.7071

Rectangle

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



41.2513, 41.9422, 10.9225



28.2128, 41.9422, 18.0785



38.5097, 41.9422, 119.8279



54.3507, 41.9422, 92.6070

Sweetspot

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



41.2523, 41.9442, 10.9233



82.9236, 87.6742, 68.0886



30.9024, 18.4232, 16.1711



17.4498, 18.4455, 13.6167



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.



41.2523, 41.9442, 10.9233



61.1407, 60.3533, 10.7462



42.6237, 55.7098, 13.5081



12.5072, 13.2051, 12.5017



22.9755, 21.8840, 3.0131



1.3504, 1.3551, 0.1904

Inverse Universe

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



18.8425, 16.0349, 62.4233



23.9716, 17.5624, 96.7342



17.9949, 10.7536, 61.4486



11.4339, 11.9580, 14.9491



8.1493, 4.9452, 37.7175



0.5236, 0.4124, 2.1316

Previews

White Background



This preview shows how the XYZ color 41.2513, 41.9422, 10.9225 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 41.2513, 41.9422, 10.9225 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 41.2513, 41.9422, 10.9225

Background



This preview shows how black text looks on a background with the XYZ color 41.2513, 41.9422, 10.9225.



This preview shows how white text looks on a background with the XYZ color 41.2513, 41.9422,

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

41.2513, 41.9422, 10.9225

Protanopia

38.3973, 42.1467, 11.4216

Deuteranopia

42.7574, 41.9025, 10.9887



Tritanopia

47.9279, 41.7679, 43.5662

Trichromacy



Original Color

41.2513, 41.9422, 10.9225

Protanomaly

39.2891, 42.0405, 11.1981

Deuteranomaly

42.0602, 41.8119, 11.0080

Tritanomaly

44.6413, 41.4518, 27.4779

Monochromacy



Original Color

41.2513, 41.9422, 10.9225

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.0519, 40.2050, 27.2275

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2513, 41.9422, 10.9225 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(209, 168, 65)` looks like.

```
.text, #text, p{  
    color:rgb(209, 168, 65)  
}
```

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(209, 168, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 168, 65) }
```

Border

The CSS property to change the border of an element to XYZ 41.2513, 41.9422, 10.9225 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(209, 168, 65) }
```


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

```
.border{ border-color:rgb(209, 168, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 168, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 168, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 168, 65);  
box-shadow:4px 4px 4px 4px rgb(209, 168,  
65) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2513, 41.9422, 10.9225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 168, 65) }
```

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

```
.background{ background-color: rgb(209,  
168, 65) }
```

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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