

Converting Colors

XYZ(41.7497, 42.4709, 11.1515)

Have a look what the booklet for
XYZ(41.7497, 42.4709, 11.1515)
contains.

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Color

**XYZ(41.7497, 42.4709,
11.1515)**

Conversions

Conversions Part 1

Format	Color
Hex	D2A942
RGB	210, 169, 66
RGB Percent	82%, 66%, 26%
CMY	0.1765, 0.3372, 0.7412
CMYK	0.00, 0.20, 0.69, 0.18
HSL	43°, 62%, 54%
HSV	43°, 69%, 82%
XYZ	41.7497, 42.4709, 11.1515
YIQ	169.5170, 57.4990, -23.3410

Conversions

Conversions Part 2

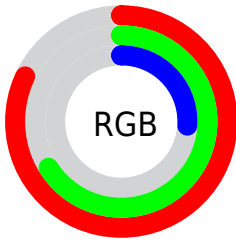
Format	Color
RYB	123, 210, 66
Decimal	13805890
CIELab	71.19, 4.24, 56.76
CIElCh	71, 56.920, 85.726
Yxy	42.4709, 0.4378, 0.4453
Android (android.graphics.Color)	4291995970 (0xFFD2A942)
YUV	169.5170, -51.0339, 35.5036
Hunter-Lab	65.1697, 0.3056, 35.4734

Details

The XYZ color **41.7497, 42.4709, 11.1515** 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 **19.1372, 16.3263, 63.1151**, and the grayscale version is **38.1948, 40.1839, 43.7602**.

A 20% lighter version of the original color is **71.2254, 75.9032, 28.3496**, and **19.3266, 19.4046, 2.8130** is the 20% darker color. If you saturate the color by 10%, you get **40.1539, 40.0951, 8.1057**, and if you desaturate by 10%, it is **43.6255, 45.0435, 15.4124**.

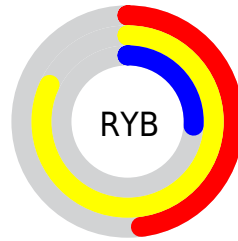
Distribution



Red (82%)

Green (66%)

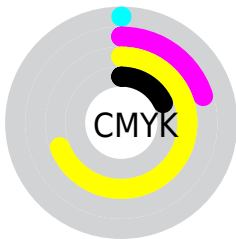
Blue (26%)



Red (48%)

Yellow (82%)

Blue (26%)

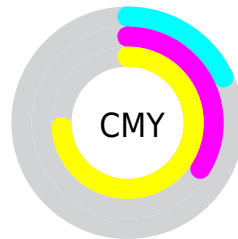


Cyan (0%)

Magenta (20%)

Yellow (69%)

Black (18%)



Cyan (18%)

Magenta (34%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.7497, 42.4709, 11.1515 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 41.7497, 42.4709, 11.1515 by changing the saturation by 10% instead.

■ 41.7497, 42.4709,
11.1515

■ 41.7497, 42.4709,
11.1515

344.4536,
356.4313, 209.4786

■ 29.0956, 29.4702,
6.0534

■ 77.0882, 78.9118,
28.5809

■ 19.2978, 19.4368,
2.8082

■ 100.5033,
103.1208, 41.7493

■ 11.9909, 11.9863,
0.9976

■ 128.2362,
131.8347, 58.4448

■ 6.8097, 6.7344,
0.0000

■ 160.6521,
165.4379, 79.0860

■ 3.3886, 3.2965,
0.0000

■ 198.1164,
204.3147, 104.0914

■ 1.3624, 1.2884,
0.0000

240.9946,

■ 0.2292, 0.1322,

248.8497, 133.8797

0.0000

289.6518,
299.4271, 168.8692

■ 0.0000, 0.0000,
0.0000

■ 41.7497, 42.4709,
11.1515

■ 41.7497, 42.4709,
11.1515

■ 40.1539, 40.0951,
8.1057

■ 43.6255, 45.0435,
15.4124

■ 38.8083, 37.8980,
6.1339

■ 45.8014, 47.8168,
21.0038

■ 37.6726, 35.8640,
5.0231

■ 48.2986, 50.8022,
28.0301

■ 37.5190, 35.5830,
4.8908

■ 51.1356, 54.0079,
36.5848

■ 54.3291, 57.4417,
46.7534

■ 57.8947, 61.1109,
58.6150

■ 61.8470, 65.0221,
72.2435

■ 66.1997, 69.1819,
87.7083

■ 70.9655, 73.5962,
105.0729

Harmonies

Analogous

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



51.6018, 42.4709, 15.0025



41.7497, 42.4709, 11.1515



32.9182, 42.4709, 13.2291

Triad

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



41.7497, 42.4709, 11.1515



25.9964, 42.4709, 72.9956



57.4989, 42.4709, 82.5791

Complementary

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



41.7497, 42.4709, 11.1515



19.1372, 16.3263, 63.1151

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.



48.8631, 42.4709, 111.5386



41.7497, 42.4709, 11.1515



30.8946, 42.4709, 104.6451

Square

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



41.7497, 42.4709, 11.1515



24.7009, 42.4709, 42.4383



39.0158, 42.4709, 120.8893



61.5581, 42.4709, 50.2698

Rectangle

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



41.7497, 42.4709, 11.1515



28.6079, 42.4709, 18.4135



39.0158, 42.4709, 120.8893



54.9748, 42.4709, 93.4572

Sweetspot

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



41.7507, 42.4730, 11.1523



82.9236, 87.6743, 68.0886



31.2978, 18.7068, 16.4863



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.



41.7507, 42.4730, 11.1523



61.3522, 60.6985, 11.0568



43.1330, 56.3343, 13.7550



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.



19.1372, 16.3263, 63.1151



24.2675, 17.9891, 96.8010



18.2800, 10.9722, 62.1269



11.4339, 11.9580, 14.9491



8.1493, 4.9451, 37.7175



0.5236, 0.4124, 2.1316

Previews

White Background



This preview shows how the XYZ color 41.7497, 42.4709, 11.1515 looks on a white background.

Color Contrast Check

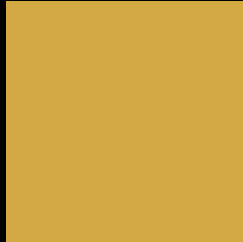
Large Text (above 18pt) WCAG AA × Fail

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 41.7497, 42.4709, 11.1515 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 41.7497, 42.4709, 11.1515

Background



This preview shows how black text looks on a background with the XYZ color 41.7497, 42.4709, 11.1515.



This preview shows how white text looks on a background with the XYZ color 41.7497, 42.4709,

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

41.7497, 42.4709, 11.1515

Protanopia

38.8790, 42.6794, 11.6576

Deuteranopia

43.2646, 42.4294, 11.2196



Tritanopia

48.4910, 42.2994, 44.1369

Trichromacy



Original Color

41.7497, 42.4709, 11.1515

Protanomaly

39.7761, 42.5717, 11.4309

Deuteranomaly

42.5634, 42.3388, 11.2391

Tritanomaly

45.1783, 41.9812, 27.9123

Monochromacy



Original Color

41.7497, 42.4709, 11.1515

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.5472, 40.7297, 27.6598

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.7497, 42.4709, 11.1515 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(210, 169, 66)` looks like.

```
.text, #text, p{  
    color:rgb(210, 169, 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(210, 169, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 169, 66) }
```

Border

The CSS property to change the border of an element to XYZ 41.7497, 42.4709, 11.1515 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(210, 169, 66) }
```


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

```
.border{ border-color:rgb(210, 169, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 169, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 169, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 169, 66);  
box-shadow:4px 4px 4px 4px rgb(210, 169,  
66) }
```

Background

The CSS property to change the background color of an element to XYZ 41.7497, 42.4709, 11.1515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 169, 66) }
```

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

```
.background{ background-color: rgb(210,  
169, 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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