

Converting Colors

XYZ(41.9517, 42.5652, 10.7455)

Have a look what the booklet for
XYZ(41.9517, 42.5652, 10.7455)
contains.

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Color

**XYZ(41.9491, 42.5837,
10.7111)**

Conversions

Conversions Part 1

Format	Color
Hex	D3A93F
RGB	211, 169, 63
RGB Percent	83%, 66%, 25%
CMY	0.1726, 0.3372, 0.7529
CMYK	0.00, 0.20, 0.70, 0.17
HSL	43°, 63%, 54%
HSV	43°, 70%, 83%
XYZ	41.9491, 42.5837, 10.7111
YIQ	169.4740, 59.0580, -24.0620

Conversions

Conversions Part 2

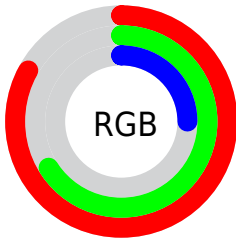
Format	Color
RYB	122, 211, 63
Decimal	13871423
CIELab	71.27, 4.51, 58.14
CIElCh	71, 58.318, 85.561
Yxy	42.5837, 0.4404, 0.4471
Android (android.graphics.Color)	4292061503 (0xFFD3A93F)
YUV	169.4740, -52.4917, 36.4183
Hunter-Lab	65.2562, 0.5481, 35.9475

Details

The XYZ color **41.9491, 42.5837, 10.7111** 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 **18.8591, 15.8624, 63.6953**, and the grayscale version is **38.1798, 40.1682, 43.7431**.

A 20% lighter version of the original color is **71.0480, 75.8323, 27.4155**, and **19.4982, 19.4949, 2.7352** is the 20% darker color. If you saturate the color by 10%, you get **40.3805, 40.2163, 7.8156**, and if you desaturate by 10%, it is **43.7966, 45.1476, 14.8147**.

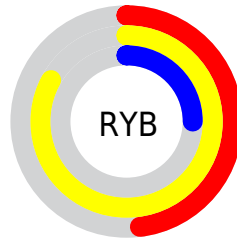
Distribution



Red (83%)

Green (66%)

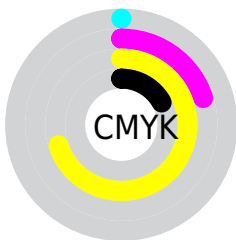
Blue (25%)



Red (48%)

Yellow (83%)

Blue (25%)

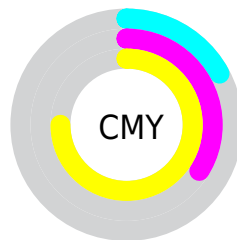


Cyan (0%)

Magenta (20%)

Yellow (70%)

Black (17%)



Cyan (17%)

Magenta (34%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.9491, 42.5837, 10.7111 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 41.9491, 42.5837, 10.7111 by changing the saturation by 10% instead.

41.9491, 42.5837,
10.7111

41.9491, 42.5837,
10.7111

345.2671,
356.8969, 206.3404

29.2524, 29.5586,
5.7612

77.3882, 79.0823,
27.7531

19.4171, 19.5038,
2.6340

100.8613,
103.3245, 40.6823

12.0778, 12.0349,
0.9099

128.6573,
132.0747, 57.1084

6.8693, 6.7674,
0.0000

161.1415,
165.7171, 77.4499

3.4261, 3.3171,
0.0000

198.6792,
204.6361, 102.1253

1.3829, 1.2994,
0.0000

241.6358,

0.2440, 0.1408,

249.2161, 131.5531

0.0000

290.3766,
299.8416, 166.1520

■ 0.0000, 0.0000,
0.0000

■ 41.9491, 42.5837,
10.7111

■ 41.9491, 42.5837,
10.7111

■ 40.3805, 40.2163,
7.8156

■ 43.7966, 45.1476,
14.8147

■ 39.0596, 38.0269,
5.9812

■ 45.9438, 47.9124,
20.2459

■ 37.9511, 36.0235,
4.9530

■ 48.4125, 50.8896,
27.1123

■ 51.2217, 54.0876,
35.5100

■ 54.3884, 57.5144,
45.5266

■ 57.9287, 61.1773,
57.2430

■ 61.8575, 65.0833,
70.7347

■ 66.1888, 69.2390,
86.0728

■ 70.9359, 73.6505,
103.3242

Harmonies

Analogous

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



52.0809, 42.5837, 14.6020



41.9491, 42.5837, 10.7111



32.8836, 42.5837, 12.7544

Triad

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



41.9491, 42.5837, 10.7111



25.7569, 42.5837, 73.7342



58.0690, 42.5837, 84.0259

Complementary

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



41.9491, 42.5837, 10.7111



18.8591, 15.8624, 63.6953

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.



49.1520, 42.5837, 113.9880



41.9491, 42.5837, 10.7111



30.7349, 42.5837, 106.5548

Square

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



41.9491, 42.5837, 10.7111



24.4581, 42.5837, 42.3175



39.0349, 42.5837, 123.5607



62.2926, 42.5837, 50.6656

Rectangle

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



41.9491, 42.5837, 10.7111



28.4669, 42.5837, 17.9366



39.0349, 42.5837, 123.5607



55.4576, 42.5837, 95.2819

Sweetspot

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



41.9501, 42.5858, 10.7119



82.9385, 87.7039, 68.0935



31.3165, 18.4741, 15.9363



17.4534, 18.4526, 13.6178



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.



41.9501, 42.5858, 10.7119



60.9779, 60.1009, 10.4663



43.3414, 56.8193, 13.3859



12.5082, 13.2070, 12.5020



22.9947, 21.9223, 3.0195



1.3513, 1.3570, 0.1907

Inverse Universe

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



18.8591, 15.8624, 63.6953



23.6666, 17.1074, 96.6624



18.0095, 10.5649, 62.7175



11.4330, 11.9562, 14.9488



8.1428, 4.9322, 37.7153



0.5232, 0.4115, 2.1314

Previews

White Background



This preview shows how the XYZ color 41.9491, 42.5837, 10.7111 looks on a white background.

Color Contrast Check

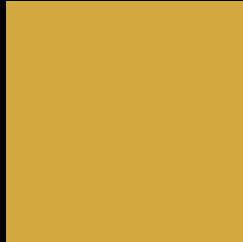
Large Text (above 18pt) WCAG AA × Fail

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 41.9491, 42.5837, 10.7111 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 41.9491, 42.5837, 10.7111

Background



This preview shows how black text looks on a background with the XYZ color 41.9491, 42.5837, 10.7111.



This preview shows how white text looks on a background with the XYZ color 41.9491, 42.5837,

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

41.9491, 42.5837, 10.7111

Protanopia

38.7898, 42.6437, 11.1876

Deuteranopia

43.4751, 42.5480, 10.7717



Tritanopia

48.6960, 42.4161, 43.6508

Trichromacy



Original Color

41.9491, 42.5837, 10.7111

Protanomaly

39.9564, 42.6748, 10.9816

Deuteranomaly

42.7685, 42.4547, 10.7909

Tritanomaly

45.3360, 42.0783, 27.2052

Monochromacy



Original Color

41.9491, 42.5837, 10.7111

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

37.9844, 40.1780, 26.8722

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.9491, 42.5837, 10.7111 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(211, 169, 63)` looks like.

```
.text, #text, p{  
    color:rgb(211, 169, 63)  
}
```

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(211, 169, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 169, 63) }
```

Border

The CSS property to change the border of an element to XYZ 41.9491, 42.5837, 10.7111 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(211, 169, 63) }
```


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

```
.border{ border-color:rgb(211, 169, 63) }
```

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

Here you see how a box with a 4 pixel rgb(211, 169, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 169, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 169, 63);  
box-shadow:4px 4px 4px 4px rgb(211, 169,  
63) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9491, 42.5837, 10.7111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 169, 63) }
```

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

```
.background{ background-color: rgb(211,  
169, 63) }
```

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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