

Converting Colors

XYZ(37.1703, 35.4422, 7.4586)

Have a look what the booklet for
XYZ(37.1703, 35.4422, 7.4586)
contains.

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Color

**XYZ(37.2919, 35.5959,
7.4900)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | CF972E |
| RGB | 207, 151, 46 |
| RGB Percent | 81%, 59%, 18% |
| CMY | 0.1882, 0.4078, 0.8196 |
| CMYK | 0.00, 0.27, 0.78, 0.19 |
| HSL | 39°, 64%, 50% |
| HSV | 39°, 78%, 81% |
| XYZ | 37.2919, 35.5959, 7.4900 |
| YIQ | 155.7740, 67.0810, -20.7830 |

Conversions

Conversions Part 2

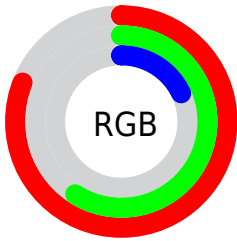
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 132, 207, 46 |
| Decimal | 13604654 |
| CIE _{Lab} | 66.21, 11.69, 59.79 |
| CIE _{LCh} | 66, 60.925, 78.941 |
| Yxy | 35.5959, 0.4640, 0.4429 |
| Android (android.graphics.Color) | 4291794734 (0xFFCF972E) |
| YUV | 155.7740, -54.1186, 44.9252 |
| Hunter-Lab | 59.6623, 7.1623, 34.3203 |

Details

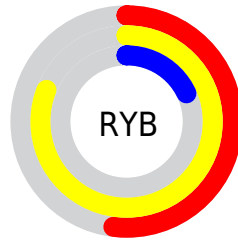
The XYZ color **37.2919, 35.5959, 7.4900** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **17.1404, 14.5882, 60.9435**, and the grayscale version is **31.7128, 33.3643, 36.3337**.

A 20% lighter version of the original color is **65.3716, 65.8427, 21.3201**, and **16.7699, 15.4102, 2.0906** is the 20% darker color. If you saturate the color by 10%, you get **35.8547, 33.2247, 5.4603**, and if you desaturate by 10%, it is **38.9981, 38.1908, 10.5799**.

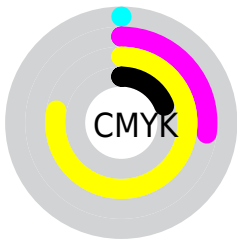
Distribution



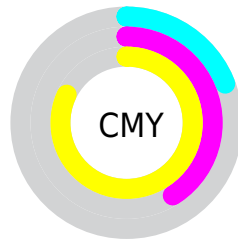
- Red (81%)
- Green (59%)
- Blue (18%)



- Red (52%)
- Yellow (81%)
- Blue (18%)



- Cyan (0%)
- Magenta (27%)
- Yellow (78%)
- Black (19%)





- Cyan (19%)
- Magenta (41%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.2919, 35.5959, 7.4900 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 37.2919, 35.5959, 7.4900 by changing the saturation by 10% instead.


 37.2919, 35.5959,
7.4900


 37.2919, 35.5959,
7.4900

325.9062,
327.1908, 181.4579


 25.6083, 24.1223,
3.6873


 70.3324, 68.4079,
21.4818

 16.6620, 15.4243,
1.4554


 92.4200, 90.5150,
32.5080


 10.0876, 9.1177,
0.1844


 118.7064,
116.9355, 46.7792

 5.5198, 4.8181,
0.0000

 149.5568,
148.0536, 64.7138

 2.5932, 2.1409,
0.0000

 185.3366,
184.2538, 86.7305

 0.9425, 0.6875,
0.0000

 226.4112,

 0.0000, 0.0000,

225.9205, 113.2476

0.0000

273.1460,
273.4380, 144.6839

■ 37.2919, 35.5959,
7.4900

■ 37.2919, 35.5959,
7.4900

■ 35.8547, 33.2247,
5.4603

■ 38.9981, 38.1908,
10.5799

■ 34.6471, 31.0552,
4.3004

■ 40.9970, 41.0165,
14.8598

■ 34.3967, 30.5949,
4.0925

■ 43.3120, 44.0857,
20.4429

■ 45.9629, 47.4082,
27.4287

■ 48.9679, 50.9931,
35.9068

■ 52.3437, 54.8488,
45.9593

■ 56.1056, 58.9833,
57.6624

■ 60.2682, 63.4040,
71.0871

■ 64.8452, 68.1181,
86.3005

Harmonies

Analogous

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



46.6384, 35.5959, 11.9672



37.2919, 35.5959, 7.4900



28.4786, 35.5959, 8.1002

Triad

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



37.2919, 35.5959, 7.4900



19.8656, 35.5959, 57.3491



48.7710, 35.5959, 81.7257

Complementary

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



37.2919, 35.5959, 7.4900



17.1404, 14.5882, 60.9435

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.



39.8193, 35.5959, 107.8532



37.2919, 35.5959, 7.4900



23.6162, 35.5959, 89.9766

Square

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



37.2919, 35.5959, 7.4900



19.4334, 35.5959, 29.9398



30.5946, 35.5959, 111.4093



54.0122, 35.5959, 49.1569

Rectangle

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



37.2919, 35.5959, 7.4900



24.0072, 35.5959, 11.4329



30.5946, 35.5959, 111.4093



46.0290, 35.5959, 92.0748

Sweetspot

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



37.2927, 35.5977, 7.4907



80.8381, 84.4504, 64.4736



29.1249, 16.1859, 14.2513



16.8904, 17.6003, 12.5864



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.



37.2927, 35.5977, 7.4907



56.1997, 51.0066, 7.4491



42.2987, 54.8715, 10.9471



12.4429, 13.0766, 12.4803



21.7631, 19.4592, 2.6090



1.2895, 1.2334, 0.1701

Inverse Universe

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



17.1404, 14.5882, 60.9435



22.8855, 16.5249, 96.5912



14.7764, 7.7671, 59.7515



11.4951, 12.0805, 14.9696



8.6360, 5.9186, 37.8797



0.5564, 0.4779, 2.1425

Previews

White Background



This preview shows how the XYZ color 37.2919, 35.5959, 7.4900 looks on a white background.

Color Contrast Check

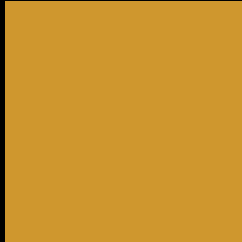
Large Text (above 18pt) WCAG AA × Fail

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 37.2919, 35.5959, 7.4900 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 37.2919, 35.5959, 7.4900

Background



This preview shows how black text looks on a background with the XYZ color 37.2919, 35.5959, 7.4900.



This preview shows how white text looks on a background with the XYZ color 37.2919, 35.5959,

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

37.2919, 35.5959, 7.4900

Protanopia

32.5308, 35.8862, 8.1179

Deuteranopia

36.2220, 35.5285, 7.4312



Tritanopia

42.9239, 35.6129, 34.3174

Trichromacy



Original Color

37.2919, 35.5959, 7.4900

Protanomaly

33.9956, 35.6143, 7.8788

Deuteranomaly

36.6037, 35.4833, 7.4024

Tritanomaly

39.9700, 35.2919, 20.3282

Monochromacy



Original Color

37.2919, 35.5959, 7.4900

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

32.3872, 33.4861, 21.2795

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.2919, 35.5959, 7.4900 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(207, 151, 46)` looks like.

```
.text, #text, p{  
    color:rgb(207, 151, 46)  
}
```

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(207, 151, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 151, 46) }
```

Border

The CSS property to change the border of an element to XYZ 37.2919, 35.5959, 7.4900 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(207, 151, 46) }
```


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

```
.border{ border-color:rgb(207, 151, 46) }
```

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

Here you see how a box with a 4 pixel rgb(207, 151, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 151, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 151, 46);  
box-shadow:4px 4px 4px 4px rgb(207, 151,  
46) }
```

Background

The CSS property to change the background color of an element to XYZ 37.2919, 35.5959, 7.4900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 151, 46) }
```

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

```
.background{ background-color: rgb(207,  
151, 46) }
```

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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