

Converting Colors

XYZ(34.9082, 34.3298, 9.0614)

Have a look what the booklet for
XYZ(34.9082, 34.3298, 9.0614)
contains.

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Color

**XYZ(34.9082, 34.3298,
9.0614)**

Conversions

Conversions Part 1

Format	Color
Hex	C5973C
RGB	197, 151, 60
RGB Percent	77%, 59%, 24%
CMY	0.2275, 0.4078, 0.7647
CMYK	0.00, 0.23, 0.70, 0.23
HSL	40°, 54%, 50%
HSV	40°, 70%, 77%
XYZ	34.9082, 34.3298, 9.0614
YIQ	154.3800, 56.6270, -18.5490

Conversions

Conversions Part 2

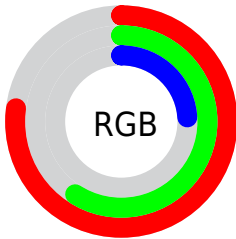
Format	Color
RYB	129, 197, 60
Decimal	12949308
CIELab	65.22, 7.97, 52.72
CIELCh	65, 53.320, 81.406
Yxy	34.3298, 0.4458, 0.4384
Android (android.graphics.Color)	4291139388 (0xFFC5973C)
YUV	154.3800, -46.5293, 37.3777
Hunter-Lab	58.5916, 3.8128, 31.8447

Details

The XYZ color **34.9082, 34.3298, 9.0614** 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 **17.0953, 15.2993, 54.8751**, and the grayscale version is **31.0640, 32.6817, 35.5904**.

A 20% lighter version of the original color is **65.9960, 66.0925, 24.6080**, and **15.2046, 14.6033, 2.0174** is the 20% darker color. If you saturate the color by 10%, you get **33.4467, 32.0909, 6.4659**, and if you desaturate by 10%, it is **36.6249, 36.7691, 12.6987**.

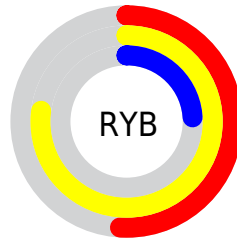
Distribution



Red (77%)

Green (59%)

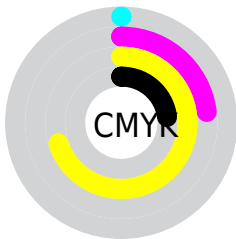
Blue (24%)



Red (51%)

Yellow (77%)

Blue (24%)

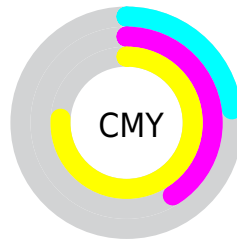


Cyan (0%)

Magenta (23%)

Yellow (70%)

Black (23%)



Cyan (23%)


Magenta (41%)


Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.9082, 34.3298, 9.0614 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 34.9082, 34.3298, 9.0614 by changing the saturation by 10% instead.


 34.9082, 34.3298,
9.0614


 34.9082, 34.3298,
9.0614


315.6781,
321.6001, 194.0702


 23.7584, 23.1471,
4.6839

 66.6785, 66.4462,
24.5940

 15.2782, 14.7021,
2.0075


 88.0296, 88.1487,
36.5863


 9.1025, 8.6106,
0.5599

 113.5119,
114.1265, 51.9538

 4.8657, 4.4881,
0.0000

 143.4907,
144.7641, 71.1152

 2.2026, 1.9502,
0.0000

 178.3314,
180.4459, 94.4890

 0.7441, 0.5783,
0.0000

 218.3993,

 0.0000, 0.0000,

221.5562, 122.4937

0.0000

264.0597,
268.4795, 155.5479

■ 34.9082, 34.3298,
9.0614

■ 34.9082, 34.3298,
9.0614

■ 33.4467, 32.0909,
6.4659

■ 36.6249, 36.7691,
12.6987

■ 32.2141, 30.0362,
4.7900

■ 38.6145, 39.4133,
17.4779

■ 31.1691, 28.1489,
3.8164

■ 40.8958, 42.2727,
23.4891

■ 31.1234, 28.0654,
3.7768

■ 43.4850, 45.3553,
30.8130

■ 46.3968, 48.6683,
39.5235

■ 49.6450, 52.2187,
49.6887

■ 53.2426, 56.0130,
61.3724

■ 57.2017, 60.0574,
74.6345

■ 61.5339, 64.3579,
89.5316

Harmonies

Analogous

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



42.8406, 34.3298, 12.9540



34.9082, 34.3298, 9.0614



27.4850, 34.3298, 10.0544

Triad

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



34.9082, 34.3298, 9.0614



20.6246, 34.3298, 55.2285



45.7237, 34.3298, 70.8395

Complementary

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



34.9082, 34.3298, 9.0614



17.0953, 15.2993, 54.8751

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.



38.3788, 34.3298, 92.8863



34.9082, 34.3298, 9.0614



24.1853, 34.3298, 81.6663

Square

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



34.9082, 34.3298, 9.0614



19.9969, 34.3298, 31.3555



30.4521, 34.3298, 97.4844



49.7017, 34.3298, 44.1291

Rectangle

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



34.9082, 34.3298, 9.0614



23.7290, 34.3298, 13.6301



30.4521, 34.3298, 97.4844



43.5163, 34.3298, 79.4189

Sweetspot

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



34.9090, 34.3315, 9.0621



82.1261, 86.0791, 67.8227



27.3460, 16.1839, 15.8564



17.2590, 18.0638, 13.5530



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.



34.9090, 34.3315, 9.0621



58.8111, 55.6941, 9.9697



38.7882, 49.5412, 11.7934



11.2124, 11.7939, 11.2483



20.5510, 18.6192, 2.5107



1.0379, 1.0112, 0.1405

Inverse Universe

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



17.0953, 15.2993, 54.8751



25.1244, 19.8679, 97.1184



15.0491, 8.9928, 53.7656



10.3428, 10.8597, 13.4685



7.9851, 5.3641, 35.3589



0.4452, 0.3881, 1.6966

Previews

White Background



This preview shows how the XYZ color 34.9082, 34.3298, 9.0614 looks on a white background.

Color Contrast Check

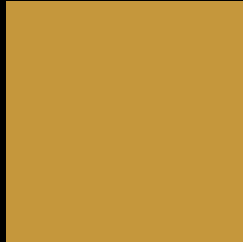
Large Text (above 18pt) WCAG AA × Fail

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 34.9082, 34.3298, 9.0614 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 34.9082, 34.3298, 9.0614

Background



This preview shows how black text looks on a background with the XYZ color 34.9082, 34.3298, 9.0614.



This preview shows how white text looks on a background with the XYZ color 34.9082, 34.3298,

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

34.9082, 34.3298, 9.0614

Protanopia

31.3991, 34.4912, 9.5600

Deuteranopia

35.1709, 34.4652, 9.0737



Tritanopia

40.2423, 34.4504, 34.2343

Trichromacy



Original Color

34.9082, 34.3298, 9.0614

Protanomaly

32.4979, 34.3042, 9.3234

Deuteranomaly

35.1709, 34.4652, 9.0737

Tritanomaly

37.5426, 34.0002, 22.0368

Monochromacy



Original Color

34.9082, 34.3298, 9.0614

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

31.3590, 32.6846, 22.4253

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.9082, 34.3298, 9.0614 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(197, 151, 60)` looks like.

```
.text, #text, p{  
    color:rgb(197, 151, 60)  
}
```

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(197, 151, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 151, 60) }
```

Border

The CSS property to change the border of an element to XYZ 34.9082, 34.3298, 9.0614 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(197, 151, 60) }
```


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

```
.border{ border-color:rgb(197, 151, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 151, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 151, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 151, 60);  
box-shadow:4px 4px 4px 4px rgb(197, 151,  
60) }
```

Background

The CSS property to change the background color of an element to XYZ 34.9082, 34.3298, 9.0614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 151, 60) }
```

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

```
.background{ background-color: rgb(197,  
151, 60) }
```

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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