

Converting Colors

XYZ(35.2109, 33.8612, 11.1941)

Have a look what the booklet for
XYZ(35.2109, 33.8612, 11.1941)
contains.

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Color

**XYZ(35.2722, 33.9951,
11.1812)**

Conversions

Conversions Part 1

Format	Color
Hex	C6954A
RGB	198, 149, 74
RGB Percent	78%, 58%, 29%
CMY	0.2235, 0.4157, 0.7098
CMYK	0.00, 0.25, 0.63, 0.22
HSL	36°, 52%, 53%
HSV	36°, 63%, 78%
XYZ	35.2722, 33.9951, 11.1812
YIQ	155.1010, 53.2790, -12.9370

Conversions

Conversions Part 2

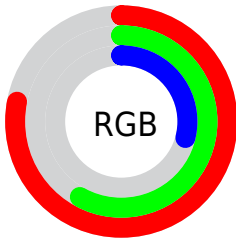
Format	Color
RYB	155, 198, 74
Decimal	13014346
CIELab	64.96, 10.35, 45.93
CIELCh	65, 47.079, 77.301
Yxy	33.9951, 0.4384, 0.4226
Android (android.graphics.Color)	4291204426 (0xFFC6954A)
YUV	155.1010, -39.9828, 37.6224
Hunter-Lab	58.3053, 5.9505, 29.4437

Details

The XYZ color **35.2722, 33.9951, 11.1812** 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 **20.0997, 19.6981, 56.1686**, and the grayscale version is **31.3562, 32.9892, 35.9252**.

A 20% lighter version of the original color is **66.2976, 65.4525, 28.5414**, and **15.5068, 14.4599, 2.7844** is the 20% darker color. If you saturate the color by 10%, you get **33.5109, 31.3774, 7.8052**, and if you desaturate by 10%, it is **37.3281, 36.8664, 15.6917**.

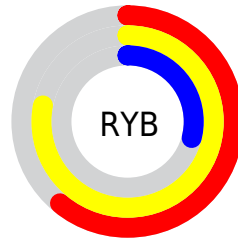
Distribution



Red (78%)

Green (58%)

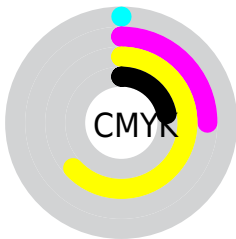
Blue (29%)



Red (61%)

Yellow (78%)

Blue (29%)

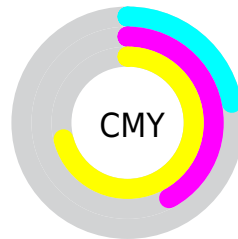


Cyan (0%)

Magenta (25%)

Yellow (63%)

Black (22%)



Cyan (22%)


Magenta (42%)

Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.2722, 33.9951, 11.1812 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 35.2722, 33.9951, 11.1812 by changing the saturation by 10% instead.


 35.2722, 33.9951,
11.1812


 35.2722, 33.9951,
11.1812

317.2552,
320.1102, 209.6884


 24.0401, 22.8898,
6.0731


 67.2385, 65.9260,
28.6365

 15.4883, 14.5122,
2.8201


 88.7034, 87.5205,
41.8208


 9.2513, 8.4777,
1.0035


 114.3100,
113.3802, 58.5343

 4.9639, 4.4021,
0.0000

 144.4236,
143.8894, 79.1956

 2.2606, 1.9010,
0.0000

 179.4095,
179.4327, 104.2230

 0.7744, 0.5490,
0.0000

219.6332,

 0.0000, 0.0000,

220.3943, 134.0353

0.0000

265.4600,
267.1587, 169.0509

■ 35.2722, 33.9951,
11.1812

■ 35.2722, 33.9951,
11.1812

■ 33.5109, 31.3774,
7.8052

■ 37.3281, 36.8664,
15.6917

■ 32.0199, 28.9970,
5.4533

■ 39.6957, 39.9965,
21.4290

■ 30.7736, 26.8422,
3.9963

■ 42.3933, 43.3967,
28.4782

■ 29.9769, 25.3824,
3.3193

■ 45.4367, 47.0757,
36.9162

■ 48.8410, 51.0417,
46.8139

■ 52.6198, 55.3025,
58.2373

■ 56.7864, 59.8657,
71.2483

■ 61.3530, 64.7383,
85.9055

■ 66.3314, 69.9271,
102.2643

Harmonies

Analogous

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



42.0159, 33.9951, 15.7487



35.2722, 33.9951, 11.1812



28.5761, 33.9951, 11.5353

Triad

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



35.2722, 33.9951, 11.1812



21.3647, 33.9951, 49.3078



42.9068, 33.9951, 68.6656

Complementary

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



35.2722, 33.9951, 11.1812



20.0997, 19.6981, 56.1686

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.



36.3586, 33.9951, 85.5242



35.2722, 33.9951, 11.1812



24.2295, 33.9951, 71.9268

Square

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



35.2722, 33.9951, 11.1812



21.1591, 33.9951, 29.3771



29.5210, 33.9951, 86.8919



46.8217, 33.9951, 45.8735

Rectangle

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



35.2722, 33.9951, 11.1812



25.0166, 33.9951, 14.5007



29.5210, 33.9951, 86.8919



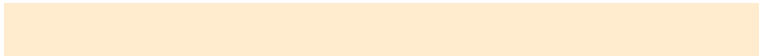
40.9019, 33.9951, 75.5152

Sweetspot

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



35.2730, 33.9968, 11.1819



82.4016, 85.6512, 70.9328



29.3504, 18.3487, 20.9315



17.2753, 17.9064, 14.1444



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.



35.2730, 33.9968, 11.1819



58.3653, 54.0414, 12.1681



41.5827, 51.2715, 14.1837



11.1586, 11.6864, 11.2303



19.5802, 16.6777, 2.1871



0.9963, 0.9281, 0.1266

Inverse Universe

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



20.0997, 19.6981, 56.1686



29.4267, 26.8588, 98.2411



16.5168, 10.9726, 54.6732



10.3948, 10.9636, 13.4858



8.4896, 6.3731, 35.5270



0.4723, 0.4425, 1.7057

Previews

White Background



This preview shows how the XYZ color 35.2722, 33.9951, 11.1812 looks on a white background.

Color Contrast Check

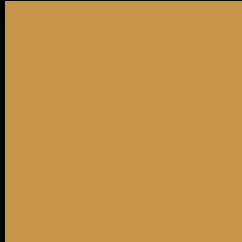
Large Text (above 18pt) WCAG AA × Fail

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 35.2722, 33.9951, 11.1812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

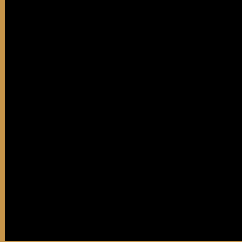
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.2722, 33.9951, 11.1812

Background



This preview shows how black text looks on a background with the XYZ color 35.2722, 33.9951, 11.1812.



This preview shows how white text looks on a background with the XYZ color 35.2722, 33.9951,

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

35.2722, 33.9951, 11.1812

Protanopia

31.2456, 34.1035, 11.9570

Deuteranopia

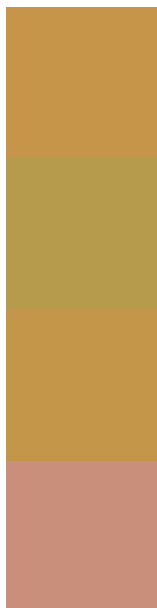
34.6481, 33.9092, 11.1975



Tritanopia

39.8658, 33.8279, 33.7064

Trichromacy



Original Color

35.2722, 33.9951, 11.1812

Protanomaly

32.5543, 34.0318, 11.6905

Deuteranomaly

34.9073, 34.0429, 11.2097

Tritanomaly

37.7547, 33.6315, 23.2405

Monochromacy



Original Color

35.2722, 33.9951, 11.1812

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

31.9517, 32.9468, 24.4140

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2722, 33.9951, 11.1812 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(198, 149, 74)` looks like.

```
.text, #text, p{  
    color:rgb(198, 149, 74)  
}
```

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(198, 149, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 149, 74) }
```

Border

The CSS property to change the border of an element to XYZ 35.2722, 33.9951, 11.1812 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(198, 149, 74) }
```


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

```
.border{ border-color:rgb(198, 149, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 149, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 149, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 149, 74);  
box-shadow:4px 4px 4px 4px rgb(198, 149,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2722, 33.9951, 11.1812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 149, 74) }
```

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

```
.background{ background-color: rgb(198,  
149, 74) }
```

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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