

Converting Colors

XYZ(35.7869, 34.9702, 11.5204)

Have a look what the booklet for
XYZ(35.7869, 34.9702, 11.5204)
contains.

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Color

**XYZ(35.7869, 34.9702,
11.5204)**

Conversions

Conversions Part 1

Format	Color
Hex	C6984B
RGB	198, 152, 75
RGB Percent	78%, 60%, 29%
CMY	0.2235, 0.4039, 0.7059
CMYK	0.00, 0.23, 0.62, 0.22
HSL	38°, 52%, 54%
HSV	38°, 62%, 78%
XYZ	35.7869, 34.9702, 11.5204
YIQ	156.9760, 52.1330, -14.1950

Conversions

Conversions Part 2

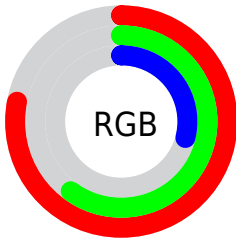
Format	Color
RYB	148, 198, 75
Decimal	13015115
CIELab	65.73, 8.78, 46.31
CIELCh	66, 47.137, 79.261
Yxy	34.9702, 0.4350, 0.4250
Android (android.graphics.Color)	4291205195 (0xFFC6984B)
YUV	156.9760, -40.4142, 35.9780
Hunter-Lab	59.1356, 4.5349, 29.8444

Details

The XYZ color **35.7869, 34.9702, 11.5204** 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 **19.9318, 19.2470, 56.0903**, and the grayscale version is **32.1975, 33.8742, 36.8890**.

A 20% lighter version of the original color is **67.0772, 66.9090, 29.1180**, and **15.8031, 15.0360, 2.9335** is the 20% darker color. If you saturate the color by 10%, you get **34.0476, 32.4126, 8.1017**, and if you desaturate by 10%, it is **37.8138, 37.7656, 16.0759**.

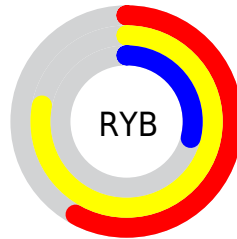
Distribution



Red (78%)

Green (60%)

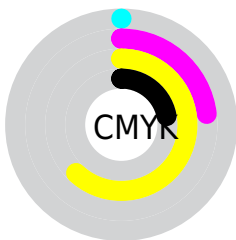
Blue (29%)



Red (58%)

Yellow (78%)

Blue (29%)

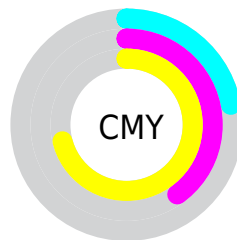


Cyan (0%)

Magenta (23%)

Yellow (62%)

Black (22%)



Cyan (22%)


Magenta (40%)


Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.7869, 34.9702, 11.5204 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 35.7869, 34.9702, 11.5204 by changing the saturation by 10% instead.


 35.7869, 34.9702,
11.5204


 35.7869, 34.9702,
11.5204


319.4757,
324.4368, 212.0678


 24.4390, 23.6399,
6.2995


 68.0290, 67.4396,
29.2698

 15.7861, 15.0667,
2.9563


 89.6540, 89.3475,
42.6353


 9.4628, 8.8662,
1.0724


 115.4354,
115.5501, 59.5527

 5.1038, 4.6540,
0.0000

 145.7385,
146.4317, 80.4406

 2.3437, 2.0457,
0.0000

 180.9287,
182.3768, 105.7175

 0.8169, 0.6338,
0.0000

221.3714,

 0.0000, 0.0000,

223.7698, 135.8020

0.0000

267.4320,
270.9950, 171.1126

■ 35.7869, 34.9702,
11.5204

■ 35.7869, 34.9702,
11.5204

■ 34.0476, 32.4126,
8.1017

■ 37.8138, 37.7656,
16.0759

■ 32.5716, 30.0769,
5.7103

■ 40.1448, 40.8035,
21.8599

■ 31.3343, 27.9522,
4.2186

■ 42.7979, 44.0944,
28.9570

■ 30.4910, 26.4106,
3.4907

■ 45.7887, 47.6467,
37.4436

■ 49.1319, 51.4680,
47.3903

■ 52.8410, 55.5659,
58.8627

■ 56.9288, 59.9472,
71.9227

■ 61.4075, 64.6188,
86.6283

■ 66.2886, 69.5869,
103.0351

Harmonies

Analogous

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



42.7285, 34.9702, 15.8417



35.7869, 34.9702, 11.5204



29.0281, 34.9702, 12.1955

Triad

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



35.7869, 34.9702, 11.5204



22.1662, 34.9702, 52.1242



44.4076, 34.9702, 68.8558

Complementary

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



35.7869, 34.9702, 11.5204



19.9318, 19.2470, 56.0903

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.



37.8367, 34.9702, 86.7424



35.7869, 34.9702, 11.5204



25.2686, 34.9702, 74.9892

Square

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



35.7869, 34.9702, 11.5204



21.7768, 34.9702, 31.3908



30.8133, 34.9702, 89.3118



48.1463, 34.9702, 45.6502

Rectangle

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



35.7869, 34.9702, 11.5204



25.4889, 34.9702, 15.4912



30.8133, 34.9702, 89.3118



42.4175, 34.9702, 75.9892

Sweetspot

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



35.7877, 34.9719, 11.5211



82.6977, 86.2433, 71.0314



29.3270, 18.4471, 20.4765



17.3471, 18.0499, 14.1683



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.



35.7877, 34.9719, 11.5211



59.1916, 55.6939, 12.4435



41.1474, 51.0431, 14.3406



11.1777, 11.7246, 11.2367



19.9136, 17.3443, 2.2982



1.0108, 0.9570, 0.1314

Inverse Universe

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



19.9318, 19.2470, 56.0903



28.8494, 25.7042, 98.0486



16.8629, 11.2510, 54.7086



10.3762, 10.9265, 13.4796



8.2990, 5.9920, 35.4635



0.4623, 0.4224, 1.7023

Previews

White Background



This preview shows how the XYZ color 35.7869, 34.9702, 11.5204 looks on a white background.

Color Contrast Check

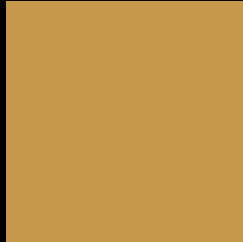
Large Text (above 18pt) WCAG AA × Fail

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 35.7869, 34.9702, 11.5204 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 35.7869, 34.9702, 11.5204

Background



This preview shows how black text looks on a background with the XYZ color 35.7869, 34.9702, 11.5204.



This preview shows how white text looks on a background with the XYZ color 35.7869, 34.9702,

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

35.7869, 34.9702, 11.5204

Protanopia

32.0774, 35.0388, 12.2802

Deuteranopia

35.7869, 34.9702, 11.5204



Tritanopia

40.5570, 34.8154, 35.1543

Trichromacy



Original Color

35.7869, 34.9702, 11.5204

Protanomaly

33.4041, 34.9641, 12.0093

Deuteranomaly

35.7869, 34.9702, 11.5204

Tritanomaly

38.3377, 34.5950, 24.0589

Monochromacy



Original Color

35.7869, 34.9702, 11.5204

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.5654, 33.7457, 24.8759

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.7869, 34.9702, 11.5204 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, 152, 75)` looks like.

```
.text, #text, p{  
    color:rgb(198, 152, 75)  
}
```

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, 152, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 152, 75) }
```

Border

The CSS property to change the border of an element to XYZ 35.7869, 34.9702, 11.5204 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, 152, 75) }
```


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

```
.border{ border-color:rgb(198, 152, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 152, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 152, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 152, 75);  
box-shadow:4px 4px 4px 4px rgb(198, 152,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 35.7869, 34.9702, 11.5204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 152, 75) }
```

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

```
.background{ background-color: rgb(198,  
152, 75) }
```

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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