

Converting Colors

XYZ(34.8030, 36.2113, 11.2861)

Have a look what the booklet for
XYZ(34.8030, 36.2113, 11.2861)
contains.

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Color

**XYZ(34.8030, 36.2113,
11.2861)**

Conversions

Conversions Part 1

Format	Color
Hex	BE9F48
RGB	190, 159, 72
RGB Percent	75%, 62%, 28%
CMY	0.2549, 0.3765, 0.7176
CMYK	0.00, 0.16, 0.62, 0.25
HSL	44°, 48%, 51%
HSV	44°, 62%, 75%
XYZ	34.8030, 36.2113, 11.2861
YIQ	158.3510, 46.4030, -20.4850

Conversions

Conversions Part 2

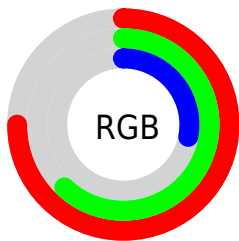
Format	Color
RYB	114, 190, 72
Decimal	12492616
CIELab	66.68, 1.32, 48.60
CIELCh	67, 48.623, 88.439
Yxy	36.2113, 0.4229, 0.4400
Android (android.graphics.Color)	4290682696 (0xFFBE9F48)
YUV	158.3510, -42.5710, 27.7562
Hunter-Lab	60.1758, -2.0713, 31.0031

Details

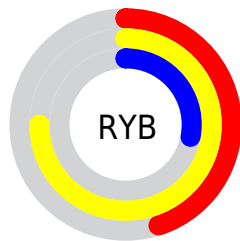
The XYZ color **34.8030, 36.2113, 11.2861** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **16.8168, 14.7954, 50.6842**, and the grayscale version is **32.8324, 34.5422, 37.6165**.

A 20% lighter version of the original color is **66.4993, 69.1835, 28.9176**, and **15.1530, 15.7587, 2.8592** is the 20% darker color. If you saturate the color by 10%, you get **33.4357, 34.3201, 8.2307**, and if you desaturate by 10%, it is **36.3982, 38.2519, 15.3631**.

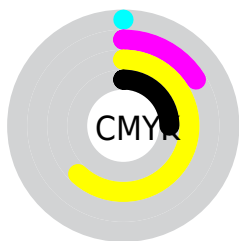
Distribution



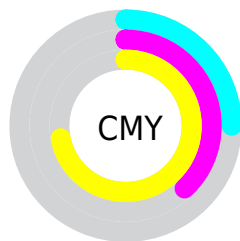
- Red (75%)
- Green (62%)
- Blue (28%)



- Red (45%)
- Yellow (75%)
- Blue (28%)



- Cyan (0%)
- Magenta (16%)
- Yellow (62%)
- Black (25%)





- Cyan (25%)
- Magenta (38%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.8030, 36.2113, 11.2861 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 34.8030, 36.2113, 11.2861 by changing the saturation by 10% instead.


 34.8030, 36.2113,
11.2861


 34.8030, 36.2113,
11.2861


315.2212,
329.8832, 210.4274


 23.6770, 24.5974,
6.1430


 66.5165, 69.3581,
28.8327


 15.2176, 15.7774,
2.8621


 87.8347, 91.6598,
42.0733


 9.0596, 9.3668,
1.0246


 113.2810,
118.2929, 58.8502

 4.8375, 4.9812,
0.0000

 143.2207,
149.6418, 79.5819

 2.1860, 2.2362,
0.0000

 178.0192,
186.0908, 104.6869

 0.7353, 0.7396,
0.0000

218.0419,

 0.0000, 0.0000,

228.0245, 134.5838

0.0000

263.6541,
275.8271, 169.6911

■ 34.8030, 36.2113,
11.2861

■ 34.8030, 36.2113,
11.2861

■ 33.4357, 34.3201,
8.2307

■ 36.3982, 38.2519,
15.3631

■ 32.2750, 32.5650,
6.0982

■ 38.2351, 40.4439,
20.5438

■ 31.2995, 30.9381,
4.7740

■ 40.3293, 42.7954,
26.9045

■ 30.6266, 29.7302,
4.1243

■ 42.6942, 45.3126,
34.5140

■ 45.3422, 48.0010,
43.4357

■ 48.2849, 50.8658,
53.7289

■ 51.5332, 53.9119,
65.4490

■ 55.0974, 57.1440,
78.6485

■ 58.9872, 60.5667,
93.3773

Harmonies

Analogous

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



42.3302, 36.2113, 14.0741



34.8030, 36.2113, 11.2861



28.1356, 36.2113, 13.5282

Triad

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



34.8030, 36.2113, 11.2861



23.4571, 36.2113, 61.9306



47.8707, 36.2113, 64.5391

Complementary

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



34.8030, 36.2113, 11.2861



16.8168, 14.7954, 50.6842

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.



41.5717, 36.2113, 86.6081



34.8030, 36.2113, 11.2861



27.5584, 36.2113, 84.7639

Square

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



34.8030, 36.2113, 11.2861



22.1690, 36.2113, 38.3389



34.0354, 36.2113, 95.0713



50.5076, 36.2113, 40.5374

Rectangle

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



34.8030, 36.2113, 11.2861



24.9165, 36.2113, 18.2621



34.0354, 36.2113, 95.0713



46.0712, 36.2113, 72.7069

Sweetspot

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



34.8038, 36.2130, 11.2868



78.6579, 83.4443, 66.8211



26.0243, 16.5709, 14.7825



16.9794, 18.0209, 13.7009



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



34.8038, 36.2130, 11.2868



59.6828, 60.8567, 13.1350



34.5784, 45.0249, 12.9996



10.1044, 10.6848, 10.1065



20.4318, 19.9023, 2.7647



0.8509, 0.8807, 0.1251

Inverse Universe

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



16.8168, 14.7954, 50.6842



24.4562, 19.0303, 90.6634



16.8160, 11.0357, 49.9586



9.2149, 9.6220, 12.0438



6.9915, 4.0947, 32.8148



0.3293, 0.2713, 1.3039

Previews

White Background



This preview shows how the XYZ color 34.8030, 36.2113, 11.2861 looks on a white background.

Color Contrast Check

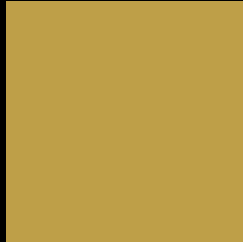
Large Text (above 18pt) WCAG AA × Fail

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 34.8030, 36.2113, 11.2861 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 34.8030, 36.2113, 11.2861

Background



This preview shows how black text looks on a background with the XYZ color 34.8030, 36.2113, 11.2861.



This preview shows how white text looks on a background with the XYZ color 34.8030, 36.2113,

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

34.8030, 36.2113, 11.2861

Protanopia

33.1222, 36.3787, 11.5794

Deuteranopia

36.8456, 36.0097, 11.3119



Tritanopia

40.3653, 36.2562, 38.5889

Trichromacy



Original Color

34.8030, 36.2113, 11.2861

Protanomaly

33.8901, 36.5120, 11.5647

Deuteranomaly

36.1170, 36.1283, 11.3732

Tritanomaly

37.6018, 35.8368, 25.7042

Monochromacy



Original Color

34.8030, 36.2113, 11.2861

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.6352, 34.5321, 25.0240

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.8030, 36.2113, 11.2861 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(190, 159, 72)` looks like.

```
.text, #text, p{  
    color:rgb(190, 159, 72)  
}
```

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(190, 159, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 159, 72) }
```

Border

The CSS property to change the border of an element to XYZ 34.8030, 36.2113, 11.2861 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(190, 159, 72) }
```


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

```
.border{ border-color:rgb(190, 159, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 159, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 159, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 159, 72);  
box-shadow:4px 4px 4px 4px rgb(190, 159,  
72) }
```

Background

The CSS property to change the background color of an element to XYZ 34.8030, 36.2113, 11.2861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 159, 72) }
```

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

```
.background{ background-color: rgb(190,  
159, 72) }
```

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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