

Converting Colors

XYZ(34.5201, 36.9389, 30.9017)

Have a look what the booklet for
XYZ(34.5201, 36.9389, 30.9017)
contains.

XYZ(34.5201, 36.9389, 30.9017)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(34.5201, 36.9389,
30.9017)**

Conversions

Conversions Part 1

Format	Color
Hex	A9A48E
RGB	169, 164, 142
RGB Percent	66%, 64%, 56%
CMY	0.3373, 0.3568, 0.4431
CMYK	0.00, 0.03, 0.16, 0.34
HSL	49°, 14%, 61%
HSV	49°, 16%, 66%
XYZ	34.5201, 36.9389, 30.9017
YIQ	162.9870, 10.0420, -5.7820

Conversions

Conversions Part 2

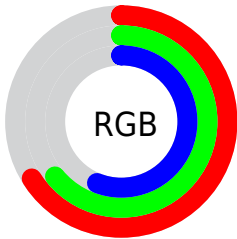
Format	Color
RYB	148, 169, 142
Decimal	11117710
CIELab	67.23, -2.02, 12.07
CIELCh	67, 12.237, 99.493
Yxy	36.9389, 0.3372, 0.3609
Android (android.graphics.Color)	4289307790 (0xFFA9A48E)
YUV	162.9870, -10.3466, 5.2734
Hunter-Lab	60.7774, -4.9767, 12.3987

Details

The XYZ color **34.5201, 36.9389, 30.9017** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.7504, 29.4822, 41.7117**, and the grayscale version is **34.8514, 36.6664, 39.9297**.

A 20% lighter version of the original color is **66.0358, 70.4959, 62.3512**, and **15.0621, 16.1430, 12.4473** is the 20% darker color. If you saturate the color by 10%, you get **32.7938, 35.3650, 24.5337**, and if you desaturate by 10%, it is **36.4546, 38.6205, 38.2892**.

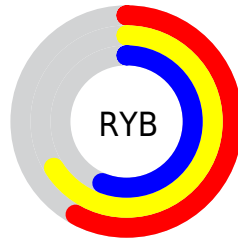
Distribution



Red (66%)

Green (64%)

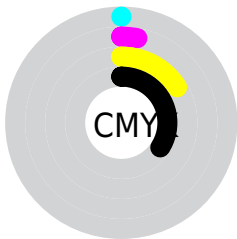
Blue (56%)



Red (58%)

Yellow (66%)

Blue (56%)

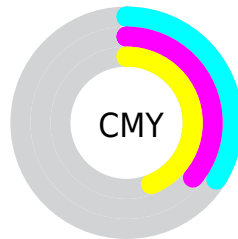


Cyan (0%)

Magenta (3%)

Yellow (16%)

Black (34%)



Cyan (34%)

Magenta (36%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.5201, 36.9389, 30.9017 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 34.5201, 36.9389, 30.9017 by changing the saturation by 10% instead.

■ 34.5201, 36.9389,
30.9017

■ 34.5201, 36.9389,
30.9017

313.9902,
333.0459, 320.4224

■ 23.4582, 25.1602,
20.2662

■ 66.0806, 70.4788,
62.1630

■ 15.0548, 16.1964,
12.4027

■ 87.3099, 93.0088,
83.6259

■ 8.9444, 9.6633,
6.8927

■ 112.6591,
119.8913, 109.5350

■ 4.7618, 5.1763,
3.3176

142.4935,
151.5108, 140.3088

■ 2.1415, 2.3511,
1.2590

177.1784,
188.2516, 176.3659

■ 0.7116, 0.8005,
0.0279

217.0793,

■ 0.0000, 0.0000,

230.4981, 218.1249

0.0000

262.5614,
278.6347, 266.0042

■ 34.5201, 36.9389,
30.9017

■ 34.5201, 36.9389,
30.9017

■ 32.7938, 35.3650,
24.5337

■ 36.4546, 38.6205,
38.2892

■ 31.2640, 33.8904,
19.1373

■ 38.6025, 40.4085,
46.7364

■ 29.9222, 32.5127,
14.6643

■ 40.9724, 42.3076,
56.2843

■ 28.7583, 31.2277,
11.0615

■ 43.5718, 44.3209,
66.9711

■ 27.7610, 30.0307,
8.2701

■ 46.4076, 46.4515,
78.8330

■ 26.9177, 28.9166,
6.2242

■ 49.4865, 48.7020,
91.9046

■ 26.2138, 27.8793,
4.8476

■ 51.9493, 50.7291,
101.6614

■ 25.6300, 26.9109,
4.0388

■ 52.6149, 52.0603,
101.8833

■ 25.4116, 26.5337,
3.7822

■ 53.2950, 53.4206,
102.1100

Harmonies

Analogous

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



36.3830, 36.9389, 31.3324



34.5201, 36.9389, 30.9017



32.8737, 36.9389, 32.7912

Triad

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



34.5201, 36.9389, 30.9017



32.4092, 36.9389, 47.1251



38.5829, 36.9389, 43.9333

Complementary

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



34.5201, 36.9389, 30.9017



28.7504, 29.4822, 41.7117

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.



37.4441, 36.9389, 48.6941



34.5201, 36.9389, 30.9017



33.8657, 36.9389, 50.6473

Square

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



34.5201, 36.9389, 30.9017



31.6838, 36.9389, 41.9412



35.7052, 36.9389, 51.2456



38.7733, 36.9389, 38.5469

Rectangle

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



34.5201, 36.9389, 30.9017



32.1041, 36.9389, 35.2200



35.7052, 36.9389, 51.2456



38.2965, 36.9389, 45.6726

Sweetspot

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



34.5211, 36.9405, 30.9025



65.6129, 69.4427, 69.8364



31.3335, 29.9007, 31.8890



14.2470, 15.0899, 15.0124



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



34.5211, 36.9405, 30.9025



60.7438, 65.1882, 51.3076



33.7486, 37.8959, 31.1276



8.0271, 8.5343, 8.0135



18.9751, 19.8476, 2.8309



0.4914, 0.5423, 0.0788

Inverse Universe

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



28.7504, 29.4822, 41.7117



48.5226, 49.3938, 74.2016



29.4310, 28.7046, 41.5257



7.2400, 7.5169, 9.4877



5.7378, 2.9359, 28.2398



0.1708, 0.1339, 0.6975

Previews

White Background



This preview shows how the XYZ color 34.5201, 36.9389, 30.9017 looks on a white background.

Color Contrast Check

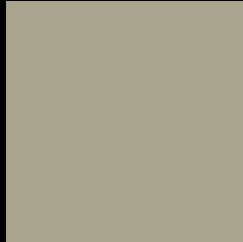
Large Text (above 18pt) WCAG AA × Fail

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 34.5201, 36.9389, 30.9017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

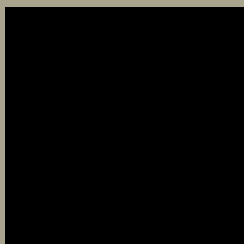
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

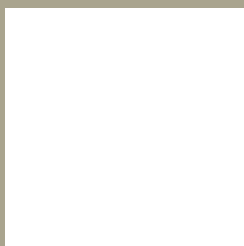
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.5201, 36.9389, 30.9017

Background



This preview shows how black text looks on a background with the XYZ color 34.5201, 36.9389, 30.9017.



This preview shows how white text looks on a background with the XYZ color 34.5201, 36.9389,

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

34.5201, 36.9389, 30.9017

Protanopia

34.9929, 36.9180, 30.8728

Deuteranopia

37.6783, 37.0017, 31.1428



Tritanopia

37.2508, 37.0044, 44.2090

Trichromacy



Original Color

34.5201, 36.9389, 30.9017

Protanomaly

34.7743, 36.8053, 30.8625

Deuteranomaly

36.3511, 36.8281, 31.1792

Tritanomaly

36.1911, 36.8336, 38.9203

Monochromacy



Original Color

34.5201, 36.9389, 30.9017

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.5306, 36.5603, 36.2472

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.5201, 36.9389, 30.9017 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(169, 164, 142)` looks like.

```
.text, #text, p{  
    color:rgb(169, 164, 142)  
}
```

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(169, 164, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 164, 142) }
```

Border

The CSS property to change the border of an element to XYZ 34.5201, 36.9389, 30.9017 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(169, 164, 142) }
```


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

```
.border{ border-color:rgb(169, 164, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 164, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 164, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 164, 142);  
box-shadow:4px 4px 4px 4px rgb(169, 164,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 34.5201, 36.9389, 30.9017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 164, 142) }
```

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

```
.background{ background-color: rgb(169,  
164, 142) }
```

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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