

Converting Colors

XYZ(35.0515, 36.4917, 36.3678)

Have a look what the booklet for
XYZ(35.0515, 36.4917, 36.3678)
contains.

XYZ(34.9852, 36.5320, 36.2178)	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(34.9852, 36.5320,
36.2178)**

Conversions

Conversions Part 1

Format	Color
Hex	A8A29B
RGB	168, 162, 155
RGB Percent	66%, 64%, 61%
CMY	0.3412, 0.3647, 0.3922
CMYK	0.00, 0.04, 0.08, 0.34
HSL	32°, 7%, 63%
HSV	32°, 8%, 66%
XYZ	34.9852, 36.5320, 36.2178
YIQ	162.9960, 5.8230, -0.9050

Conversions

Conversions Part 2

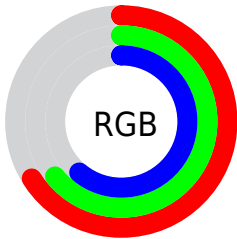
Format	Color
RYB	166, 168, 155
Decimal	11051675
CIELab	66.92, 0.90, 4.40
CIElCh	67, 4.489, 78.450
Yxy	36.5320, 0.3247, 0.3391
Android (android.graphics.Color)	4289241755 (0xFFA8A29B)
YUV	162.9960, -3.9420, 4.3885
Hunter-Lab	60.4417, -2.4526, 6.7815

Details

The XYZ color **34.9852, 36.5320, 36.2178** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.3304, 35.2851, 42.1004**, and the grayscale version is **34.8278, 36.6415, 39.9026**.

A 20% lighter version of the original color is **66.7529, 69.9171, 70.2987**, and **15.2771, 15.8643, 15.3536** is the 20% darker color. If you saturate the color by 10%, you get **32.3482, 33.3608, 28.8555**, and if you desaturate by 10%, it is **37.9047, 39.9533, 44.6437**.

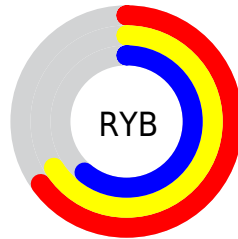
Distribution



Red (66%)

Green (64%)

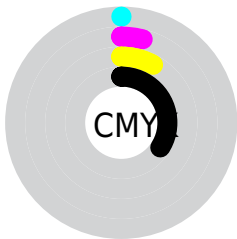
Blue (61%)



Red (65%)

Yellow (66%)

Blue (61%)

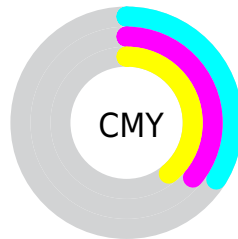


Cyan (0%)

Magenta (4%)

Yellow (8%)

Black (34%)



Cyan (34%)

Magenta (36%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.9852, 36.5320, 36.2178 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 34.9852, 36.5320, 36.2178 by changing the saturation by 10% instead.

■ 34.9852, 36.5320,
36.2178

■ 34.9852, 36.5320,
36.2178

316.0122,
331.2799, 344.9777

■ 23.8179, 24.8453,
24.3114

■ 66.7970, 69.8524,
70.5409

■ 15.3226, 15.9619,
15.3505

■ 88.1723, 92.2550,
93.7948

■ 9.1339, 9.4972,
8.9164

113.6809,
118.9983, 121.6682

■ 4.8864, 5.0669,
4.5906

143.6883,
150.4667, 154.5797

■ 2.2149, 2.2865,
1.9546

178.5597,
187.0447, 192.9479

■ 0.7506, 0.7666,
0.5272

218.6606,

■ 0.0000, 0.0000,

229.1166, 237.1912

0.0000

264.3563,
277.0669, 287.7283

■ 34.9852, 36.5320,
36.2178

■ 34.9852, 36.5320,
36.2178

■ 32.3482, 33.3608,
28.8555

■ 37.9047, 39.9533,
44.6437

■ 29.9812, 30.4285,
22.5115

■ 41.1128, 43.6258,
54.1713

■ 27.8749, 27.7304,
17.1406

■ 44.6191, 47.5569,
64.8398

■ 26.0185, 25.2595,
12.6935

■ 48.4317, 51.7520,
76.6855

■ 24.4003, 23.0084,
9.1164

■ 52.5587, 56.2166,
89.7435

■ 23.0074, 20.9694,
6.3496

■ 56.8782, 60.9039,
103.3656

■ 21.8253, 19.1338,
4.3263

■ 58.8203, 64.7882,
104.0130

■ 20.8376, 17.4922,
2.9682

■ 60.8562, 68.8600,
104.6916

■ 20.0184, 16.0311,
2.1483

■ 62.9870, 73.1216,
105.4019

Harmonies

Analogous

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



35.5976, 36.5320, 37.0384



34.9852, 36.5320, 36.2178



34.3102, 36.5320, 36.3275

Triad

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



34.9852, 36.5320, 36.2178



33.4962, 36.5320, 40.9748



35.7109, 36.5320, 42.3146

Complementary

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



34.9852, 36.5320, 36.2178



33.3304, 35.2851, 42.1004

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.



35.1383, 36.5320, 43.4385



34.9852, 36.5320, 36.2178



33.8620, 36.5320, 42.6477

Square

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



34.9852, 36.5320, 36.2178



33.4564, 36.5320, 39.0316



34.4613, 36.5320, 43.5624



36.0203, 36.5320, 40.5321

Rectangle

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



34.9852, 36.5320, 36.2178



33.9153, 36.5320, 36.9142



34.4613, 36.5320, 43.5624



35.5425, 36.5320, 42.7844

Sweetspot

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



34.9862, 36.5336, 36.2186



66.4427, 69.7770, 74.1984



34.3093, 34.3436, 38.5703



14.4950, 15.2240, 16.2109



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.



34.9862, 36.5336, 36.2186



62.7728, 65.4458, 63.7000



35.9759, 38.6498, 36.5749



7.8532, 8.1865, 7.9555



15.0392, 11.9756, 1.5189



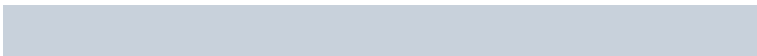
0.4162, 0.3920, 0.0537

Inverse Universe

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



33.3304, 35.2851, 42.1004



59.2477, 62.7879, 76.2217



32.3907, 33.2819, 41.7632



7.4063, 7.8495, 9.5431



7.4185, 6.2971, 28.8000



0.2320, 0.2562, 0.7179

Previews

White Background



This preview shows how the XYZ color 34.9852, 36.5320, 36.2178 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 34.9852, 36.5320, 36.2178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

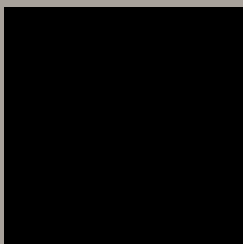
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

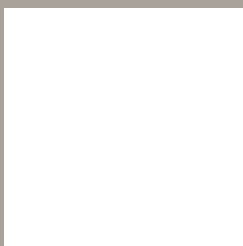
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.9852, 36.5320, 36.2178

Background



This preview shows how black text looks on a background with the XYZ color 34.9852, 36.5320, 36.2178.



This preview shows how white text looks on a background with the XYZ color 34.9852, 36.5320,

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

34.9852, 36.5320, 36.2178

Protanopia

34.9852, 36.5320, 36.2178

Deuteranopia

37.1138, 36.3380, 36.5103



Tritanopia

36.4221, 36.3209, 44.1207

Trichromacy



Original Color

34.9852, 36.5320, 36.2178

Protanomaly

34.9852, 36.5320, 36.2178

Deuteranomaly

36.3034, 36.4267, 36.5701

Tritanomaly

35.8159, 36.3298, 41.2010

Monochromacy



Original Color

34.9852, 36.5320, 36.2178

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.9594, 36.7318, 38.5051

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.9852, 36.5320, 36.2178 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(168, 162, 155)` looks like.

```
.text, #text, p{  
    color:rgb(168, 162, 155)  
}
```

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(168, 162, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 162, 155) }
```

Border

The CSS property to change the border of an element to XYZ 34.9852, 36.5320, 36.2178 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(168, 162, 155) }
```


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

```
.border{ border-color:rgb(168, 162, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 162, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 162, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 162, 155);  
box-shadow:4px 4px 4px 4px rgb(168, 162,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 34.9852, 36.5320, 36.2178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 162, 155) }
```

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

```
.background{ background-color: rgb(168,  
162, 155) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor