

Converting Colors

XYZ(33.9373, 35.0882, 35.0078)

Have a look what the booklet for
XYZ(33.9373, 35.0882, 35.0078)
contains.

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Color

**XYZ(33.9130, 34.9691,
35.0993)**

Conversions

Conversions Part 1

Format	Color
Hex	A79E99
RGB	167, 158, 153
RGB Percent	65%, 62%, 60%
CMY	0.3451, 0.3804, 0.4000
CMYK	0.00, 0.05, 0.08, 0.35
HSL	21°, 7%, 63%
HSV	21°, 8%, 65%
XYZ	33.9130, 34.9691, 35.0993
YIQ	160.1210, 6.9690, 0.3530

Conversions

Conversions Part 2

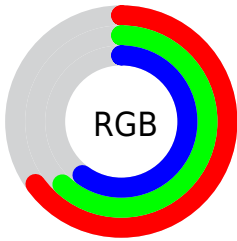
Format	Color
RYB	167, 161, 153
Decimal	10985113
CIELab	65.72, 2.37, 3.77
CIELCh	66, 4.455, 57.832
Yxy	34.9691, 0.3261, 0.3363
Android (android.graphics.Color)	4289175193 (0xFFA79E99)
YUV	160.1210, -3.5107, 6.0329
Hunter-Lab	59.1347, -1.1182, 6.2028

Details

The XYZ color **33.9130, 34.9691, 35.0993** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.0322, 35.4025, 41.6521**, and the grayscale version is **33.4836, 35.2274, 38.3626**.

A 20% lighter version of the original color is **65.1809, 67.6231, 68.6486**, and **14.7262, 15.1195, 14.7126** is the 20% darker color. If you saturate the color by 10%, you get **30.8779, 30.9538, 27.7521**, and if you desaturate by 10%, it is **37.3030, 39.3845, 43.5181**.

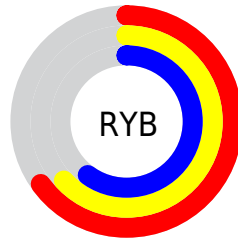
Distribution



Red (65%)

Green (62%)

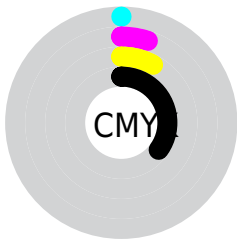
Blue (60%)



Red (65%)

Yellow (63%)

Blue (60%)

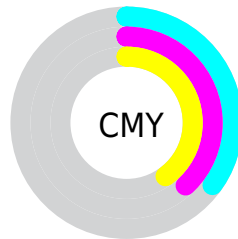


Cyan (0%)

Magenta (5%)

Yellow (8%)

Black (35%)



Cyan (35%)

Magenta (38%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.9130, 34.9691, 35.0993 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 33.9130, 34.9691, 35.0993 by changing the saturation by 10% instead.

■ 33.9130, 34.9691,
35.0993

■ 33.9130, 34.9691,
35.0993

311.3367,
324.4319, 339.9240

■ 22.9893, 23.6391,
23.4552

■ 65.1435, 67.4379,
68.7929

■ 14.7063, 15.0661,
14.7215

■ 86.1811, 89.3455,
91.6795

■ 8.6985, 8.8658,
8.4797

111.3208,
115.5476, 119.1506

■ 4.6006, 4.6537,
4.3113

140.9278,
146.4289, 151.6249

■ 2.0472, 2.0456,
1.7976

175.3675,
182.3735, 189.5208

■ 0.6603, 0.6337,
0.4264

215.0053,

■ 0.0000, 0.0000,

223.7660, 233.2570

0.0000

260.2066,
270.9906, 283.2518

■ 33.9130, 34.9691,
35.0993

■ 33.9130, 34.9691,
35.0993

■ 30.8779, 30.9538,
27.7521

■ 37.3030, 39.3845,
43.5181

■ 28.1829, 27.3226,
21.4310

■ 41.0564, 44.2063,
53.0472

■ 25.8160, 24.0653,
16.0903

■ 45.1852, 49.4463,
63.7259

■ 23.7636, 21.1692,
11.6802

■ 49.6997, 55.1146,
75.5912

■ 22.0112, 18.6212,
8.1462

■ 54.6099, 61.2209,
88.6781

■ 20.5427, 16.4070,
5.4283

■ 59.9255, 67.7745,
103.0205

■ 19.3404, 14.5114,
3.4587

■ 63.1624, 73.7872,
105.5211

■ 18.3843, 12.9175,
2.1585

■ 66.2959, 80.0543,
106.5656

■ 17.6422, 11.6033,
1.3873

■ 69.6175, 86.6975,
107.6728

Harmonies

Analogous

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



34.3648, 34.9691, 36.4140



33.9130, 34.9691, 35.0993



33.2848, 34.9691, 34.5792

Triad

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



33.9130, 34.9691, 35.0993



31.9928, 34.9691, 37.9390



33.8293, 34.9691, 41.3593

Complementary

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



33.9130, 34.9691, 35.0993



33.0322, 35.4025, 41.6521

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.



33.1894, 34.9691, 41.7996



33.9130, 34.9691, 35.0993



32.1343, 34.9691, 39.7866

Square

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



33.9130, 34.9691, 35.0993



32.1810, 34.9691, 36.1848



32.5702, 34.9691, 41.2152



34.3160, 34.9691, 40.0308

Rectangle

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



33.9130, 34.9691, 35.0993



32.8524, 34.9691, 34.7398



32.5702, 34.9691, 41.2152



33.6248, 34.9691, 41.6180

Sweetspot

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



33.9140, 34.9706, 35.1001



63.8913, 66.7520, 70.6515



33.8586, 33.6107, 38.9325



14.1905, 14.7982, 15.5443



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.



33.9140, 34.9706, 35.1001



59.7134, 61.2841, 60.3560



35.1237, 37.3901, 35.5033



7.7423, 7.9647, 7.9185



13.4610, 8.8193, 0.9928



0.3758, 0.3112, 0.0403

Inverse Universe

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



33.0322, 35.4025, 41.6521



57.8185, 62.2120, 74.4360



31.8504, 33.0389, 41.2581



7.5187, 8.0742, 9.5805



9.4339, 10.3280, 29.4718



0.2752, 0.3426, 0.7323

Previews

White Background



This preview shows how the XYZ color 33.9130, 34.9691, 35.0993 looks on a white background.

Color Contrast Check

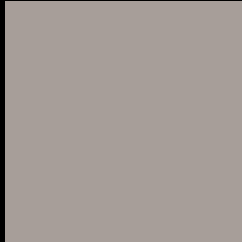
Large Text (above 18pt) WCAG AA × Fail

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 33.9130, 34.9691, 35.0993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

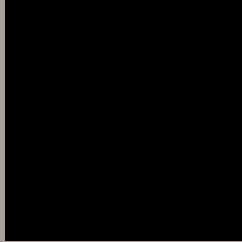
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.9130, 34.9691, 35.0993

Background



This preview shows how black text looks on a background with the XYZ color 33.9130, 34.9691, 35.0993.



This preview shows how white text looks on a background with the XYZ color 33.9130, 34.9691,

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

33.9130, 34.9691, 35.0993

Protanopia

33.5407, 35.0219, 35.5640

Deuteranopia

35.5198, 34.7914, 35.4152



Tritanopia

35.3185, 35.0391, 41.9475

Trichromacy



Original Color

33.9130, 34.9691, 35.0993

Protanomaly

33.7479, 35.1287, 35.5737

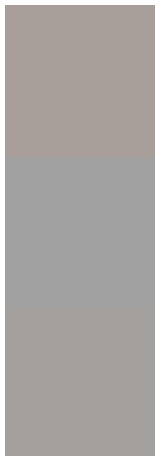
Deuteranomaly

34.7877, 34.6600, 35.4284

Tritanomaly

34.8163, 35.0831, 39.5870

Monochromacy



Original Color

33.9130, 34.9691, 35.0993

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.5882, 35.0171, 36.8870

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.9130, 34.9691, 35.0993 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(167, 158, 153)` looks like.

```
.text, #text, p{  
    color:rgb(167, 158, 153)  
}
```

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(167, 158, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 158, 153) }
```

Border

The CSS property to change the border of an element to XYZ 33.9130, 34.9691, 35.0993 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(167, 158, 153) }
```


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

```
.border{ border-color:rgb(167, 158, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 158, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 158, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 158, 153);  
box-shadow:4px 4px 4px 4px rgb(167, 158,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 33.9130, 34.9691, 35.0993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 158, 153) }
```

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

```
.background{ background-color: rgb(167,  
158, 153) }
```

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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