

Converting Colors

XYZ(33.9791, 34.6714, 35.1046)

Have a look what the booklet for
XYZ(33.9791, 34.6714, 35.1046)
contains.

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Color

**XYZ(33.9552, 34.7387,
35.0526)**

Conversions

Conversions Part 1

Format	Color
Hex	A89D99
RGB	168, 157, 153
RGB Percent	66%, 62%, 60%
CMY	0.3412, 0.3843, 0.4000
CMYK	0.00, 0.07, 0.09, 0.34
HSL	16°, 8%, 63%
HSV	16°, 9%, 66%
XYZ	33.9552, 34.7387, 35.0526
YIQ	159.8330, 7.8400, 1.0880

Conversions

Conversions Part 2

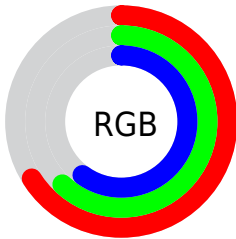
Format	Color
RYB	168, 158, 153
Decimal	11050393
CIELab	65.54, 3.29, 3.52
CIELCh	66, 4.822, 46.913
Yxy	34.7387, 0.3273, 0.3348
Android (android.graphics.Color)	4289240473 (0xFFA89D99)
YUV	159.8330, -3.3687, 7.1625
Hunter-Lab	58.9395, -0.3100, 5.9967

Details

The XYZ color **33.9552, 34.7387, 35.0526** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.4801, 36.1497, 42.2592**, and the grayscale version is **33.3500, 35.0868, 38.2095**.

A 20% lighter version of the original color is **65.2374, 67.2799, 68.5794**, and **14.7548, 14.9804, 14.6842** is the 20% darker color. If you saturate the color by 10%, you get **30.6846, 30.2637, 27.5918**, and if you desaturate by 10%, it is **37.6332, 39.7151, 43.6140**.

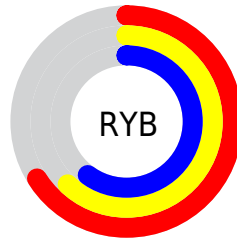
Distribution



Red (66%)

Green (62%)

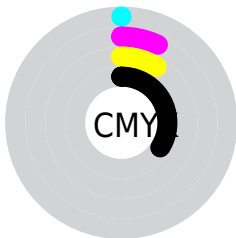
Blue (60%)



Red (66%)

Yellow (62%)

Blue (60%)

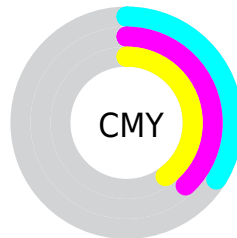


Cyan (0%)

Magenta (7%)

Yellow (9%)

Black (34%)



Cyan (34%)

Magenta (38%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.9552, 34.7387, 35.0526 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 33.9552, 34.7387, 35.0526 by changing the saturation by 10% instead.

■ 33.9552, 34.7387,
35.0526

■ 33.9552, 34.7387,
35.0526

311.5217,
323.4135, 339.7118

■ 23.0219, 23.4617,
23.4195

■ 65.2087, 67.0808,
68.7197

■ 14.7305, 14.9348,
14.6954

■ 86.2597, 88.9146,
91.5909

■ 8.7155, 8.7736,
8.4616

111.4140,
115.0361, 119.0451

■ 4.6117, 4.5938,
4.2998

141.0368,
145.8298, 151.5010

■ 2.0537, 2.0110,
1.7912

175.4937,
181.6800, 189.3771

■ 0.6639, 0.6138,
0.4221

215.1499,

■ 0.0000, 0.0000,

222.9710, 233.0919

0.0000

260.3707,
270.0874, 283.0639

■ 33.9552, 34.7387,
35.0526

■ 33.9552, 34.7387,
35.0526

■ 30.6846, 30.2637,
27.5918

■ 37.6332, 39.7151,
43.6140

■ 27.8042, 26.2698,
21.1844

■ 41.7294, 45.2032,
53.3160

■ 25.2998, 22.7423,
15.7834

■ 46.2575, 51.2189,
64.1992

■ 23.1553, 19.6635,
11.3371

■ 51.2301, 57.7758,
76.3019

■ 21.3531, 17.0151,
7.7892

■ 56.6588, 64.8872,
89.6602

■ 19.8743, 14.7772,
5.0774

■ 62.5552, 72.5658,
104.3091

■ 18.6978, 12.9283,
3.1314

■ 66.3151, 79.7779,
106.5112

■ 17.7997, 11.4445,
1.8692

■ 69.9586, 87.0649,
107.7257

■ 17.1416, 10.2950,
1.1354

Harmonies

Analogous

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



34.3355, 34.7387, 36.7035



33.9552, 34.7387, 35.0526



33.3268, 34.7387, 34.1587

Triad

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



33.9552, 34.7387, 35.0526



31.7120, 34.7387, 36.9500



33.4150, 34.7387, 41.6720

Complementary

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



33.9552, 34.7387, 35.0526



33.4801, 36.1497, 42.2592

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.



32.7113, 34.7387, 41.7437



33.9552, 34.7387, 35.0526



31.7348, 34.7387, 38.9682

Square

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



33.9552, 34.7387, 35.0526



32.0355, 34.7387, 35.2275



32.0984, 34.7387, 40.7389



34.0206, 34.7387, 40.5461

Rectangle

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



33.9552, 34.7387, 35.0526



32.8548, 34.7387, 34.0907



32.0984, 34.7387, 40.7389



33.1819, 34.7387, 41.8215

Sweetspot

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



33.9562, 34.7402, 35.0533



65.4460, 68.2314, 72.4859



34.2410, 33.7881, 39.8395



14.1493, 14.7158, 15.5305



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.



33.9562, 34.7402, 35.0533



60.2044, 61.1153, 60.3581



35.2638, 37.3554, 35.4892



7.6879, 7.8559, 7.9004



12.9357, 7.7687, 0.8177



0.3558, 0.2711, 0.0336

Inverse Universe

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



33.4801, 36.1497, 42.2592



59.1368, 64.2752, 76.5146



32.1778, 33.5451, 41.8251



7.5757, 8.1883, 9.5996



10.7453, 12.9508, 29.9089



0.3001, 0.3923, 0.7406

Previews

White Background



This preview shows how the XYZ color 33.9552, 34.7387, 35.0526 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 33.9552, 34.7387, 35.0526 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 33.9552, 34.7387, 35.0526

Background



This preview shows how black text looks on a background with the XYZ color 33.9552, 34.7387, 35.0526.



This preview shows how white text looks on a background with the XYZ color 33.9552, 34.7387,

35.0526.

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

33.9552, 34.7387, 35.0526

Protanopia

33.3351, 34.9159, 35.5543

Deuteranopia

35.5198, 34.7914, 35.4152



Tritanopia

35.2740, 34.7788, 41.4130

Trichromacy



Original Color

33.9552, 34.7387, 35.0526

Protanomaly

33.5766, 34.7861, 35.5166

Deuteranomaly

35.0096, 34.7745, 35.4388

Tritanomaly

34.7722, 34.8206, 39.0708

Monochromacy



Original Color

33.9552, 34.7387, 35.0526

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 33.9552, 34.7387, 35.0526 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, 157, 153) looks like.

```
.text, #text, p{  
    color:rgb(168, 157, 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(168, 157, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 157, 153) }
```

Border

The CSS property to change the border of an element to XYZ 33.9552, 34.7387, 35.0526 is called "border". The border property can be set on classes, ids or directly on the HTML element.

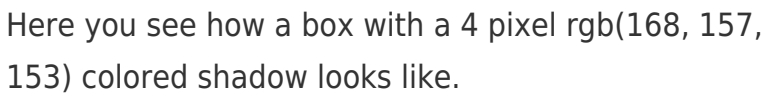
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 157, 153) }
```


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

```
.border{ border-color:rgb(168, 157, 153) }
```

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



Here you see how a box with a 4 pixel `rgb(168, 157, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 157, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 157, 153); box-shadow:4px 4px 4px 4px rgb(168, 157, 153) }
```

Background

The CSS property to change the background color of an element to XYZ 33.9552, 34.7387, 35.0526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 157, 153) }
```

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

```
.background{ background-color: rgb(168,  
157, 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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