

Converting Colors

XYZ(34.7002, 35.2905, 35.1441)

Have a look what the booklet for
XYZ(34.7002, 35.2905, 35.1441)
contains.

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Color

**XYZ(34.7712, 35.4116,
35.1395)**

Conversions

Conversions Part 1

Format	Color
Hex	AB9E99
RGB	171, 158, 153
RGB Percent	67%, 62%, 60%
CMY	0.3294, 0.3804, 0.4000
CMYK	0.00, 0.08, 0.11, 0.33
HSL	17°, 10%, 64%
HSV	17°, 11%, 67%
XYZ	34.7712, 35.4116, 35.1395
YIQ	161.3170, 9.3530, 1.2010

Conversions

Conversions Part 2

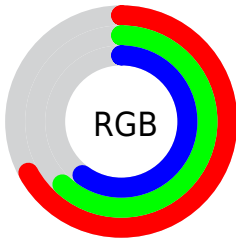
Format	Color
RYB	171, 160, 153
Decimal	11247257
CIELab	66.07, 3.86, 4.31
CIELCh	66, 5.786, 48.166
Yxy	35.4116, 0.3301, 0.3362
Android (android.graphics.Color)	4289437337 (0xFFAB9E99)
YUV	161.3170, -4.1003, 8.4920
Hunter-Lab	59.5076, 0.1618, 6.6444

Details

The XYZ color **34.7712, 35.4116, 35.1395** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.1236, 36.9842, 43.8685**, and the grayscale version is **34.0400, 35.8127, 39.0001**.

A 20% lighter version of the original color is **66.4208, 68.2622, 68.7067**, and **15.2637, 15.3966, 14.7377** is the 20% darker color. If you saturate the color by 10%, you get **31.4578, 30.8851, 27.5592**, and if you desaturate by 10%, it is **38.5006, 40.4454, 43.8580**.

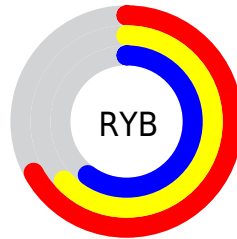
Distribution



Red (67%)

Green (62%)

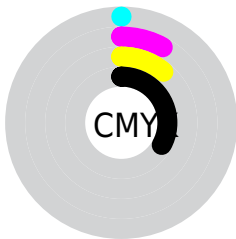
Blue (60%)



Red (67%)

Yellow (63%)

Blue (60%)

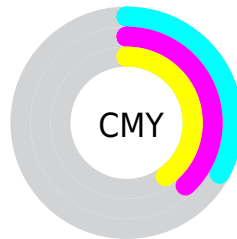


Cyan (0%)

Magenta (8%)

Yellow (11%)

Black (33%)



Cyan (33%)

Magenta (38%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.7712, 35.4116, 35.1395 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 34.7712, 35.4116, 35.1395 by changing the saturation by 10% instead.

■ 34.7712, 35.4116,
35.1395

■ 34.7712, 35.4116,
35.1395

315.0830,
326.3814, 340.1066

■ 23.6524, 23.9801,
23.4859

■ 66.4675, 68.1229,
68.8558

■ 15.1993, 15.3189,
14.7441

■ 87.7757, 90.1715,
91.7557

■ 9.0466, 9.0435,
8.4953

113.2111,
116.5280, 119.2414

■ 4.8289, 4.7696,
4.3212

143.1390,
147.5766, 151.7315

■ 2.1810, 2.1127,
1.8032

177.9248,
183.7019, 189.6445

■ 0.7327, 0.6718,
0.4300

217.9338,

■ 0.0000, 0.0000,

225.2882, 233.3990

0.0000

263.5314,
272.7199, 283.4135

■ 34.7712, 35.4116,
35.1395

■ 34.7712, 35.4116,
35.1395

■ 31.4578, 30.8851,
27.5592

■ 38.5006, 40.4454,
43.8580

■ 28.5427, 26.8454,
21.0675

■ 42.6572, 45.9970,
53.7568

■ 26.0112, 23.2774,
15.6148

■ 47.2551, 52.0824,
64.8787

■ 23.8465, 20.1633,
11.1465

■ 52.3072, 58.7155,
77.2637

■ 22.0305, 17.4844,
7.6030

■ 57.8257, 65.9098,
90.9499

■ 20.5435, 15.2205,
4.9183

■ 63.7253, 73.6392,
105.4629

■ 19.3635, 13.3497,
3.0172

■ 67.3255, 80.8397,
106.6629

■ 18.4655, 11.8476,
1.8117

■ 70.6047, 87.3980,
107.7560

■ 17.8326, 10.7338,
1.1320

Harmonies

Analogous

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



35.2513, 35.4116, 37.1013



34.7712, 35.4116, 35.1395



33.9975, 35.4116, 34.1109

Triad

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



34.7712, 35.4116, 35.1395



32.0670, 35.4116, 37.5954



34.1752, 35.4116, 43.2280

Complementary

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



34.7712, 35.4116, 35.1395



34.1236, 36.9842, 43.8685

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.



33.3201, 35.4116, 43.3741



34.7712, 35.4116, 35.1395



32.1128, 35.4116, 40.0507

Square

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



34.7712, 35.4116, 35.1395



32.4421, 35.4116, 35.4879



32.5682, 35.4116, 42.1896



34.9032, 35.4116, 41.7986

Rectangle

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



34.7712, 35.4116, 35.1395



33.4236, 35.4116, 34.0624



32.5682, 35.4116, 42.1896



33.8928, 35.4116, 43.4310

Sweetspot

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



34.7722, 35.4132, 35.1403



67.1934, 70.0709, 74.4047



35.0875, 34.2014, 40.9252



14.8634, 15.4631, 16.3084



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



34.7722, 35.4132, 35.1403



60.5977, 61.1421, 59.0654



36.3268, 38.5224, 35.6585



8.1797, 8.3643, 8.3967



13.4822, 8.1700, 0.8664



0.4214, 0.3201, 0.0396

Inverse Universe

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



34.1236, 36.9842, 43.8685



59.1639, 64.6134, 78.3552



32.5789, 33.8948, 43.3536



8.0453, 8.6900, 10.2060



10.9706, 13.0750, 30.9900



0.3480, 0.4494, 0.8764

Previews

White Background



This preview shows how the XYZ color 34.7712, 35.4116, 35.1395 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 34.7712, 35.4116, 35.1395 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 34.7712, 35.4116, 35.1395

Background



This preview shows how black text looks on a background with the XYZ color 34.7712, 35.4116, 35.1395.



This preview shows how white text looks on a background with the XYZ color 34.7712, 35.4116,

35.1395.

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

34.7712, 35.4116, 35.1395

Protanopia

33.9206, 35.4740, 35.6312

Deuteranopia

36.1445, 35.3595, 35.4919



Tritanopia

36.1899, 35.4883, 41.9883

Trichromacy



Original Color

34.7712, 35.4116, 35.1395

Protanomaly

34.1672, 35.3449, 35.5933

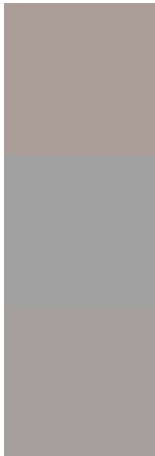
Deuteranomaly

35.6257, 35.3401, 35.5155

Tritanomaly

35.6811, 35.5289, 39.6275

Monochromacy



Original Color

34.7712, 35.4116, 35.1395

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.2594, 35.6096, 37.4154

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.7712, 35.4116, 35.1395 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(171, 158, 153)` looks like.

```
.text, #text, p{  
    color:rgb(171, 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(171, 158, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 158, 153) }
```

Border

The CSS property to change the border of an element to XYZ 34.7712, 35.4116, 35.1395 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(171, 158, 153) }
```


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

```
.border{ border-color:rgb(171, 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(171, 158, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 158, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 158, 153);  
box-shadow:4px 4px 4px 4px rgb(171, 158,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 34.7712, 35.4116, 35.1395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 158, 153) }
```

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

```
.background{ background-color: rgb(171,  
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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