

Converting Colors

XYZ(34.4983, 36.1150, 38.0418)

Have a look what the booklet for
XYZ(34.4983, 36.1150, 38.0418)
contains.

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Color

**XYZ(34.4882, 36.2364,
37.9775)**

Conversions

Conversions Part 1

Format	Color
Hex	A4A29F
RGB	164, 162, 159
RGB Percent	64%, 64%, 62%
CMY	0.3569, 0.3647, 0.3765
CMYK	0.00, 0.01, 0.03, 0.36
HSL	36°, 3%, 63%
HSV	36°, 3%, 64%
XYZ	34.4882, 36.2364, 37.9775
YIQ	162.2560, 2.1550, -0.5090

Conversions

Conversions Part 2

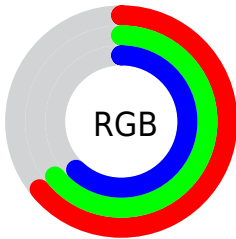
Format	Color
R_{YB}	162, 164, 159
Decimal	10789535
CIE Lab	66.70, 0.16, 1.80
CIE LCh	67, 1.810, 84.908
Yxy	36.2364, 0.3173, 0.3334
Android (android.graphics.Color)	4288979615 (0xFFA4A29F)
YUV	162.2560, -1.6052, 1.5295
Hunter-Lab	60.1967, -3.0770, 4.7322

Details

The XYZ color **34.4882, 36.2364, 37.9775** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.7438, 35.5405, 40.2040**, and the grayscale version is **34.4701, 36.2652, 39.4928**.

A 20% lighter version of the original color is **66.1639, 69.5408, 73.5538**, and **14.9648, 15.6793, 16.4250** is the 20% darker color. If you saturate the color by 10%, you get **32.0348, 33.4578, 30.5980**, and if you desaturate by 10%, it is **37.1926, 39.2140, 46.3732**.

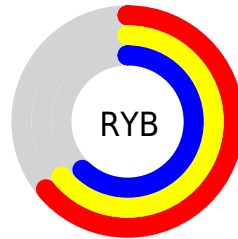
Distribution



Red (64%)

Green (64%)

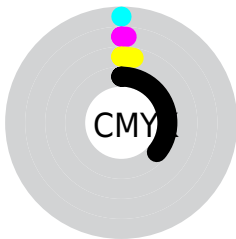
Blue (62%)



Red (64%)

Yellow (64%)

Blue (62%)

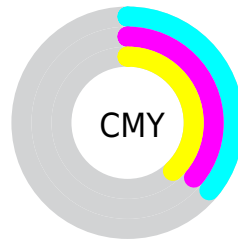


Cyan (0%)

Magenta (1%)

Yellow (3%)

Black (36%)



Cyan (36%)

Magenta (36%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.4882, 36.2364, 37.9775 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 34.4882, 36.2364, 37.9775 by changing the saturation by 10% instead.

■ 34.4882, 36.2364,
37.9775

■ 34.4882, 36.2364,
37.9775

313.8512,
329.9926, 352.8187

■ 23.4336, 24.6168,
25.6635

■ 66.0314, 69.3968,
73.2767

■ 15.0364, 15.7918,
16.3486

■ 87.2507, 91.7064,
97.0990

■ 8.9314, 9.3770,
9.6141

112.5889,
118.3481, 125.5945

■ 4.7532, 4.9879,
5.0416

142.4114,
149.7064, 159.1817

■ 2.1365, 2.2401,
2.2125

177.0835,
186.1656, 198.2792

■ 0.7089, 0.7417,
0.6816

216.9706,

■ 0.0000, 0.0000,

228.1101, 243.3055

0.0000

262.4381,
275.9243, 294.6792

■ 34.4882, 36.2364,
37.9775

■ 34.4882, 36.2364,
37.9775

■ 32.0348, 33.4578,
30.5980

■ 37.1926, 39.2140,
46.3732

■ 29.8211, 30.8686,
24.1932

■ 40.1528, 42.3903,
55.8197

■ 27.8393, 28.4654,
18.7222

■ 43.3774, 45.7713,
66.3531

■ 26.0801, 26.2429,
14.1401

■ 46.8734, 49.3613,
78.0067

■ 24.5332, 24.1956,
10.3985

■ 50.6478, 53.1643,
90.8127

■ 23.1877, 22.3175,
7.4443

■ 54.3180, 57.0286,
102.7525

■ 22.0314, 20.6019,
5.2181

■ 55.8808, 60.1542,
103.2734

■ 21.0503, 19.0417,
3.6521

■ 57.5096, 63.4116,
103.8163

■ 20.2282, 17.6285,
2.6654

■ 59.2050, 66.8026,
104.3815

Harmonies

Analogous

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



34.7441, 36.2364, 38.2386



34.4882, 36.2364, 37.9775



34.2211, 36.2364, 38.1081

Triad

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



34.4882, 36.2364, 37.9775



33.9679, 36.2364, 40.0915



34.8727, 36.2364, 40.3254

Complementary

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



34.4882, 36.2364, 37.9775



33.7438, 35.5405, 40.2040

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.



34.6630, 36.2364, 40.8338



34.4882, 36.2364, 37.9775



34.1409, 36.2364, 40.6975

Square

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



34.4882, 36.2364, 37.9775



33.9217, 36.2364, 39.3221



34.3951, 36.2364, 40.9709



34.9668, 36.2364, 39.5888

Rectangle

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



34.4882, 36.2364, 37.9775



34.0726, 36.2364, 38.4006



34.3951, 36.2364, 40.9709



34.8133, 36.2364, 40.5291

Sweetspot

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



34.4892, 36.2380, 37.9783



63.5619, 66.8446, 71.8780



34.1415, 35.2626, 38.7256



13.9020, 14.6204, 15.7329



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



34.4892, 36.2380, 37.9783



62.1250, 65.2429, 67.4772



34.7408, 36.8941, 38.0917



7.6695, 8.0521, 8.2678



15.1711, 12.9161, 1.6935



0.3631, 0.3601, 0.0504

Inverse Universe

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



33.7438, 35.5405, 40.2040



60.3284, 63.5619, 72.8414



33.4970, 34.8993, 40.0932



7.4173, 7.8162, 9.0208



6.6536, 5.0866, 27.5609



0.1853, 0.1979, 0.5943

Previews

White Background



This preview shows how the XYZ color 34.4882, 36.2364, 37.9775 looks on a white background.

Color Contrast Check

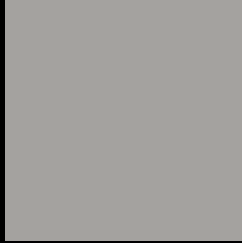
Large Text (above 18pt) WCAG AA × Fail

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 34.4882, 36.2364, 37.9775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

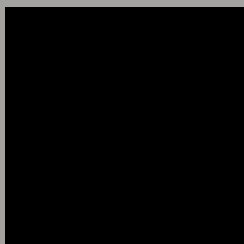
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

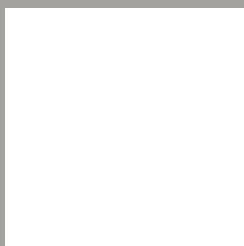
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.4882, 36.2364, 37.9775

Background



This preview shows how black text looks on a background with the XYZ color 34.4882, 36.2364, 37.9775.



This preview shows how white text looks on a background with the XYZ color 34.4882, 36.2364,

37.9775.

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

34.4882, 36.2364, 37.9775

Protanopia

34.7288, 36.0999, 37.9385

Deuteranopia

36.9925, 36.2357, 38.3022



Tritanopia

35.8395, 36.2657, 44.6462

Trichromacy



Original Color

34.4882, 36.2364, 37.9775

Protanomaly

34.5199, 35.9923, 37.9287

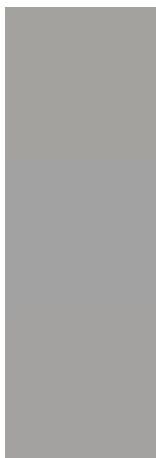
Deuteranomaly

36.1989, 36.3330, 38.3628

Tritanomaly

35.3298, 36.3162, 42.1934

Monochromacy



Original Color

34.4882, 36.2364, 37.9775

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.4576, 36.2004, 38.8895

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4882, 36.2364, 37.9775 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(164, 162, 159)` looks like.

```
.text, #text, p{  
    color:rgb(164, 162, 159)  
}
```

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(164, 162, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 162, 159) }
```

Border

The CSS property to change the border of an element to XYZ 34.4882, 36.2364, 37.9775 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(164, 162, 159) }
```


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

```
.border{ border-color:rgb(164, 162, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 162, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 162, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 162, 159);  
box-shadow:4px 4px 4px 4px rgb(164, 162,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4882, 36.2364, 37.9775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 162, 159) }
```

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

```
.background{ background-color: rgb(164,  
162, 159) }
```

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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