

Converting Colors

XYZ(34.4577, 33.0811, 37.3961)

Have a look what the booklet for
XYZ(34.4577, 33.0811, 37.3961)
contains.

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Color

**XYZ(34.4610, 32.9968,
37.3536)**

Conversions

Conversions Part 1

Format	Color
Hex	AE959F
RGB	174, 149, 159
RGB Percent	68%, 58%, 62%
CMY	0.3176, 0.4157, 0.3765
CMYK	0.00, 0.14, 0.09, 0.32
HSL	336°, 13%, 63%
HSV	336°, 14%, 68%
XYZ	34.4610, 32.9968, 37.3536
YIQ	157.6150, 11.6900, 8.4100

Conversions

Conversions Part 2

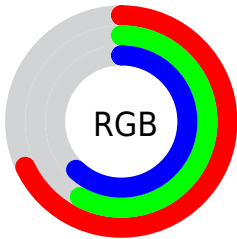
Format	Color
RYB	174, 149, 159
Decimal	11441567
CIELab	64.16, 11.02, -1.80
CIELCh	64, 11.170, 350.703
Yxy	32.9968, 0.3288, 0.3148
Android (android.graphics.Color)	4289631647 (0xFFAE959F)
YUV	157.6150, 0.6828, 14.3696
Hunter-Lab	57.4428, 6.5604, 1.6552

Details

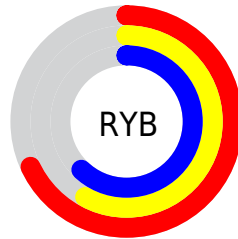
The XYZ color **34.4610, 32.9968, 37.3536** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.2326, 39.3428, 40.9135**, and the grayscale version is **32.3192, 34.0023, 37.0285**.

A 20% lighter version of the original color is **66.1267, 64.3899, 72.5616**, and **14.9596, 13.8830, 16.0786** is the 20% darker color. If you saturate the color by 10%, you get **31.0431, 27.5500, 31.9313**, and if you desaturate by 10%, it is **38.3686, 39.2997, 43.3176**.

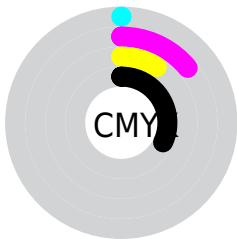
Distribution



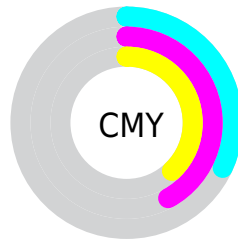
- Red (68%)
- Green (58%)
- Blue (62%)



- Red (68%)
- Yellow (58%)
- Blue (62%)



- Cyan (0%)
- Magenta (14%)
- Yellow (9%)
- Black (32%)




- Cyan (32%)
- Magenta (42%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.4610, 32.9968, 37.3536 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 34.4610, 32.9968, 37.3536 by changing the saturation by 10% instead.


 34.4610, 32.9968,
37.3536


 34.4610, 32.9968,
37.3536


313.7326,
315.6353, 350.0536

 23.4125, 22.1240,
25.1835


 65.9895, 64.3705,
72.3087

 15.0208, 13.9480,
15.9935


 87.2002, 85.6402,
95.9307

 8.9204, 8.0845,
9.3653


112.5290,
111.1444, 124.2071

 4.7460, 4.1491,
4.8801

142.3414,
141.2674, 157.5564

 2.1322, 1.7573,
2.1196

177.0025,
176.3935, 196.3972

 0.7066, 0.4604,
0.6274

216.8779,

 0.0000, 0.0000,

216.9073, 241.1479

0.0000

262.3328,
263.1931, 292.2272

■ 34.4610, 32.9968,
37.3536

■ 34.4610, 32.9968,
37.3536

■ 31.0431, 27.5500,
31.9313

■ 38.3686, 39.2997,
43.3176

■ 28.0921, 22.9179,
27.0327

■ 42.7820, 46.4891,
49.8364

■ 25.5874, 19.0620,
22.6415

■ 47.7199, 54.5994,
56.9253

■ 23.5057, 15.9391,
18.7400

■ 53.1993, 63.6618,
64.5984

■ 21.8216, 13.5016,
15.3092

■ 59.2365, 73.7059,
72.8692

■ 20.5067, 11.6965,
12.3285

■ 65.8467, 84.7603,
81.7508

■ 19.5285, 10.4625,
9.7756

■ 67.7941, 86.3501,
89.5054

■ 18.8483, 9.7260,
7.6252

■ 69.3227, 86.9616,
97.5554

■ 18.5482, 9.4357,
6.5699

■ 70.9411, 87.6089,
106.0773

Harmonies

Analogous

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



33.7758, 32.9968, 41.7322



34.4610, 32.9968, 37.3536



34.2947, 32.9968, 32.9354

Triad

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



34.4610, 32.9968, 37.3536



30.2994, 32.9968, 28.3798



29.4752, 32.9968, 43.0997

Complementary

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



34.4610, 32.9968, 37.3536



34.2326, 39.3428, 40.9135

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.



28.6024, 32.9968, 39.0964



34.4610, 32.9968, 37.3536



29.0670, 32.9968, 30.6884

Square

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



34.4610, 32.9968, 37.3536



31.8564, 32.9968, 27.9986



28.4555, 32.9968, 34.5390



30.8737, 32.9968, 45.2286

Rectangle

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



34.4610, 32.9968, 37.3536



33.7253, 32.9968, 30.5411



28.4555, 32.9968, 34.5390



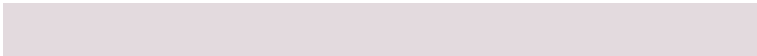
29.1126, 32.9968, 41.9135

Sweetspot

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



34.4619, 32.9983, 37.3543



69.8192, 71.6465, 78.9075



33.6985, 32.4450, 44.5312



15.3936, 15.7223, 17.3511



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



34.4619, 32.9983, 37.3543



60.5997, 56.7968, 64.7688



34.0288, 33.4646, 33.1014



8.1330, 8.0664, 9.0110



13.4807, 6.8548, 4.9110



0.4025, 0.2017, 0.2813

Inverse Universe

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



34.4619, 32.9983, 37.3543



60.5997, 56.7968, 64.7688



34.6930, 38.7615, 45.6979



8.1330, 8.0664, 9.0110



13.4807, 6.8548, 4.9110



0.4025, 0.2017, 0.2813

Previews

White Background



This preview shows how the XYZ color 34.4610, 32.9968, 37.3536 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 34.4610, 32.9968, 37.3536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

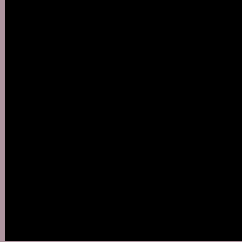
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.4610, 32.9968, 37.3536

Background



This preview shows how black text looks on a background with the XYZ color 34.4610, 32.9968, 37.3536.



This preview shows how white text looks on a background with the XYZ color 34.4610, 32.9968,

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

34.4610, 32.9968, 37.3536

Protanopia

31.9532, 33.1192, 38.8910

Deuteranopia

33.6868, 33.0714, 37.4088



Tritanopia

34.5482, 33.0316, 37.8126

Trichromacy



Original Color

34.4610, 32.9968, 37.3536

Protanomaly

32.9285, 33.1422, 38.3798

Deuteranomaly

33.9589, 32.9738, 37.3756

Tritanomaly

34.5482, 33.0316, 37.8126

Monochromacy



Original Color

34.4610, 32.9968, 37.3536

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

33.2027, 33.8038, 37.1226

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4610, 32.9968, 37.3536 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(174, 149, 159)` looks like.

```
.text, #text, p{  
    color:rgb(174, 149, 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(174, 149, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 149, 159) }
```

Border

The CSS property to change the border of an element to XYZ 34.4610, 32.9968, 37.3536 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(174, 149, 159) }
```


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

```
.border{ border-color:rgb(174, 149, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 149, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 149, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 149, 159);  
box-shadow:4px 4px 4px 4px rgb(174, 149,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4610, 32.9968, 37.3536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 149, 159) }
```

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

```
.background{ background-color: rgb(174,  
149, 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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