

Converting Colors

XYZ(34.8231, 37.2608, 32.2868)

Have a look what the booklet for
XYZ(34.8231, 37.2608, 32.2868)
contains.

XYZ(34.9282, 37.3896, 32.1641)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(34.9282, 37.3896,
32.1641)**

Conversions

Conversions Part 1

Format	Color
Hex	A9A591
RGB	169, 165, 145
RGB Percent	66%, 65%, 57%
CMY	0.3373, 0.3529, 0.4314
CMYK	0.00, 0.02, 0.14, 0.34
HSL	50°, 12%, 62%
HSV	50°, 14%, 66%
XYZ	34.9282, 37.3896, 32.1641
YIQ	163.9160, 8.8040, -5.3720

Conversions

Conversions Part 2

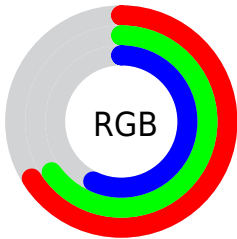
Format	Color
RYB	150, 169, 145
Decimal	11117969
CIELab	67.57, -2.07, 10.88
CIELCh	68, 11.080, 100.774
Yxy	37.3896, 0.3343, 0.3579
Android (android.graphics.Color)	4289308049 (0xFFA9A591)
YUV	163.9160, -9.3256, 4.4587
Hunter-Lab	61.1470, -5.0452, 11.6156

Details

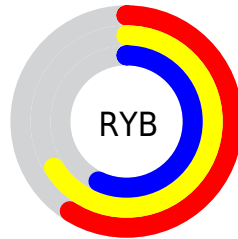
The XYZ color **34.9282, 37.3896, 32.1641** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.5860, 30.3788, 41.8409**, and the grayscale version is **35.2875, 37.1252, 40.4293**.

A 20% lighter version of the original color is **66.6425, 71.1572, 64.2551**, and **15.3068, 16.4184, 13.1888** is the 20% darker color. If you saturate the color by 10%, you get **33.2191, 35.9038, 25.6364**, and if you desaturate by 10%, it is **36.8444, 38.9786, 39.7182**.

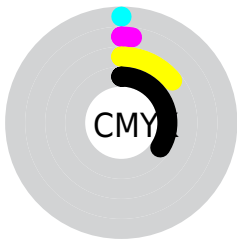
Distribution



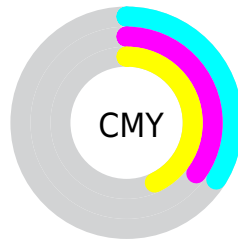
- Red (66%)
- Green (65%)
- Blue (57%)



- Red (59%)
- Yellow (66%)
- Blue (57%)



- Cyan (0%)
- Magenta (2%)
- Yellow (14%)
- Black (34%)



- Cyan (34%)
- Magenta (35%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.9282, 37.3896, 32.1641 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 34.9282, 37.3896, 32.1641 by changing the saturation by 10% instead.

■ 34.9282, 37.3896,
32.1641

■ 34.9282, 37.3896,
32.1641

315.7649,
334.9942, 326.3818

■ 23.7738, 25.5093,
21.2210

■ 66.7093, 71.1716,
64.1692

■ 15.2898, 16.4569,
13.0928

■ 88.0667, 93.8420,
86.0682

■ 9.1106, 9.8480,
7.3610

113.5558,
120.8780, 112.4563

■ 4.8711, 5.2983,
3.6070

143.5421,
152.6639, 143.7520

■ 2.2058, 2.4233,
1.4123

178.3907,
189.5840, 180.3739

■ 0.7458, 0.8379,
0.1513

218.4672,

■ 0.0000, 0.0000,

232.0229, 222.7405

0.0000

264.1368,
280.3648, 271.2703

■ 34.9282, 37.3896,
32.1641

■ 34.9282, 37.3896,
32.1641

■ 33.2191, 35.9038,
25.6364

■ 36.8444, 38.9786,
39.7182

■ 31.7055, 34.5127,
20.0877

■ 38.9727, 40.6692,
48.3385

■ 30.3791, 33.2142,
15.4705

■ 41.3218, 42.4662,
58.0656

■ 29.2299, 32.0041,
11.7325

■ 43.8989, 44.3726,
68.9372

■ 28.2469, 30.8779,
8.8160

■ 46.7109, 46.3913,
80.9892

■ 27.4178, 29.8306,
6.6565

■ 49.7644, 48.5250,
94.2560

■ 26.7285, 28.8563,
5.1799

■ 51.6998, 50.2300,
101.5782

■ 26.1619, 27.9482,
4.2971

■ 52.2933, 51.4169,
101.7760

■ 25.8660, 27.4424,
3.9336

■ 52.8984, 52.6272,
101.9778

Harmonies

Analogous

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



36.6286, 37.3896, 32.4713



34.9282, 37.3896, 32.1641



33.4388, 37.3896, 34.0047

Triad

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



34.9282, 37.3896, 32.1641



33.1117, 37.3896, 47.1576



38.7249, 37.3896, 43.8826

Complementary

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



34.9282, 37.3896, 32.1641



29.5860, 30.3788, 41.8409

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.



37.7227, 37.3896, 48.2455



34.9282, 37.3896, 32.1641



34.4687, 37.3896, 50.2384

Square

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



34.9282, 37.3896, 32.1641



32.4125, 37.3896, 42.4919



36.1542, 37.3896, 50.6517



38.8576, 37.3896, 38.9804

Rectangle

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



34.9282, 37.3896, 32.1641



32.7520, 37.3896, 36.2953



36.1542, 37.3896, 50.6517



38.4771, 37.3896, 45.4709

Sweetspot

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



34.9292, 37.3912, 32.1649



66.0322, 69.8456, 71.3195



31.9129, 30.8563, 32.7082



14.3348, 15.1767, 15.3152



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.



34.9292, 37.3912, 32.1649



61.5664, 66.1193, 53.7837



33.9972, 37.9978, 32.3311



8.0390, 8.5580, 8.0174



19.3110, 20.5194, 2.9428



0.4972, 0.5539, 0.0807

Inverse Universe

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



29.5860, 30.3788, 41.8409



50.1535, 51.1415, 74.4530



30.4242, 29.8883, 41.7021



7.2290, 7.4950, 9.4840



5.6772, 2.8145, 28.2195



0.1667, 0.1257, 0.6961

Previews

White Background



This preview shows how the XYZ color 34.9282, 37.3896, 32.1641 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 34.9282, 37.3896, 32.1641 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

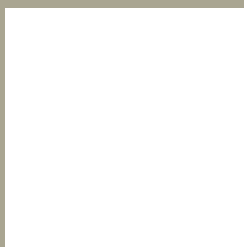
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.9282, 37.3896, 32.1641

Background



This preview shows how black text looks on a background with the XYZ color 34.9282, 37.3896, 32.1641.



This preview shows how white text looks on a background with the XYZ color 34.9282, 37.3896,

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

34.9282, 37.3896, 32.1641

Protanopia

35.3996, 37.3659, 32.1346

Deuteranopia

38.0800, 37.4364, 32.4130



Tritanopia

37.6184, 37.4300, 45.2864

Trichromacy



Original Color

34.9282, 37.3896, 32.1641

Protanomaly

35.1809, 37.2532, 32.1244

Deuteranomaly

36.7556, 37.2684, 32.4504

Tritanomaly

36.5444, 37.2557, 39.9153

Monochromacy



Original Color

34.9282, 37.3896, 32.1641

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.0871, 37.0922, 37.2085

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.9282, 37.3896, 32.1641 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(169, 165, 145)` looks like.

```
.text, #text, p{  
    color:rgb(169, 165, 145)  
}
```

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(169, 165, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 165, 145) }
```

Border

The CSS property to change the border of an element to XYZ 34.9282, 37.3896, 32.1641 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(169, 165, 145) }
```


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

```
.border{ border-color:rgb(169, 165, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 165, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 165, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 165, 145); box-shadow:4px 4px 4px 4px rgb(169, 165, 145) }
```

Background

The CSS property to change the background color of an element to XYZ 34.9282, 37.3896, 32.1641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 165, 145) }
```

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

```
.background{ background-color: rgb(169,  
165, 145) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor