

Converting Colors

XYZ(31.3110, 32.8017, 33.9517)

Have a look what the booklet for
XYZ(31.3110, 32.8017, 33.9517)
contains.

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Color

**XYZ(31.4078, 32.9462,
33.9820)**

Conversions

Conversions Part 1

Format	Color
Hex	9E9B97
RGB	158, 155, 151
RGB Percent	62%, 61%, 59%
CMY	0.3804, 0.3921, 0.4078
CMYK	0.00, 0.02, 0.04, 0.38
HSL	34°, 3%, 61%
HSV	34°, 4%, 62%
XYZ	31.4078, 32.9462, 33.9820
YIQ	155.4410, 3.0720, -0.6080

Conversions

Conversions Part 2

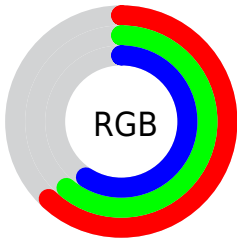
Format	Color
RYB	156, 158, 151
Decimal	10394519
CIELab	64.12, 0.34, 2.47
CIELCh	64, 2.495, 82.095
Yxy	32.9462, 0.3194, 0.3350
Android (android.graphics.Color)	4288584599 (0xFF9E9B97)
YUV	155.4410, -2.1894, 2.2442
Hunter-Lab	57.3988, -2.7752, 5.0775

Details

The XYZ color **31.4078, 32.9462, 33.9820** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.4895, 32.1585, 36.9483**, and the grayscale version is **31.3604, 32.9936, 35.9300**.

A 20% lighter version of the original color is **61.2605, 64.1548, 66.9120**, and **13.3140, 13.9465, 14.0468** is the 20% darker color. If you saturate the color by 10%, you get **29.1156, 30.2793, 27.3059**, and if you desaturate by 10%, it is **33.9369, 35.8109, 41.5864**.

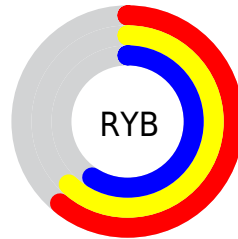
Distribution



Red (62%)

Green (61%)

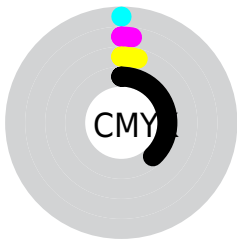
Blue (59%)



Red (61%)

Yellow (62%)

Blue (59%)

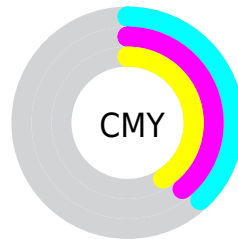


Cyan (0%)

Magenta (2%)

Yellow (4%)

Black (38%)



Cyan (38%)

Magenta (39%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.4078, 32.9462, 33.9820 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 31.4078, 32.9462, 33.9820 by changing the saturation by 10% instead.

■ 31.4078, 32.9462,
33.9820

■ 31.4078, 32.9462,
33.9820

300.2061,
315.4072, 334.8185

■ 21.0629, 22.0852,
22.6025

■ 61.2530, 64.2915,
67.0393

■ 13.2827, 13.9195,
14.0978

■ 81.4841, 85.5447,
89.5541

■ 7.7019, 8.0647,
8.0492

105.7413,
111.0307, 116.6178

■ 3.9550, 4.1364,
4.0382

134.3899,
141.1339, 148.6490

■ 1.6767, 1.7501,
1.6463

167.7953,
176.2388, 186.0661

■ 0.4416, 0.4558,
0.3236

206.3229,

■ 0.0000, 0.0000,

216.7297, 229.2877

0.0000

250.3381,
262.9911, 278.7323

■ 31.4078, 32.9462,
33.9820

■ 31.4078, 32.9462,
33.9820

■ 29.1156, 30.2793,
27.3059

■ 33.9369, 35.8109,
41.5864

■ 27.0498, 27.8011,
21.5197

■ 36.7076, 38.8738,
50.1511

■ 25.2029, 25.5081,
16.5859

■ 39.7279, 42.1405,
59.7091

■ 23.5662, 23.3951,
12.4629

■ 43.0044, 45.6153,
70.2913

■ 22.1301, 21.4564,
9.1061

■ 46.5438, 49.3023,
81.9271

■ 20.8841, 19.6861,
6.4662

■ 50.3522, 53.2055,
94.6450

■ 19.8168, 18.0776,
4.4883

■ 53.3542, 56.8962,
102.7777

■ 18.9150, 16.6238,
3.1091

■ 54.9800, 60.1478,
103.3197

■ 18.1629, 15.3164,
2.2518

■ 56.6762, 63.5403,
103.8851

Harmonies

Analogous

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



31.7331, 32.9462, 34.3611



31.4078, 32.9462, 33.9820



31.0598, 32.9462, 34.1020

Triad

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



31.4078, 32.9462, 33.9820



30.6898, 32.9462, 36.6088



31.8529, 32.9462, 37.0801

Complementary

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



31.4078, 32.9462, 33.9820



30.4895, 32.1585, 36.9483

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.



31.5703, 32.9462, 37.7039



31.4078, 32.9462, 33.9820



30.8993, 32.9462, 37.4283

Square

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



31.4078, 32.9462, 33.9820



30.6470, 32.9462, 35.6062



31.2211, 32.9462, 37.8325



31.9914, 32.9462, 36.1408

Rectangle

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



31.4078, 32.9462, 33.9820



30.8617, 32.9462, 34.4499



31.2211, 32.9462, 37.8325



31.7715, 32.9462, 37.3344

Sweetspot

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



31.4087, 32.9476, 33.9827



58.5548, 61.5654, 66.2290



31.0031, 31.7370, 35.0786



13.2072, 13.8868, 14.9495



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



31.4087, 32.9476, 33.9827



56.7465, 59.4978, 60.8508



31.8221, 33.9103, 34.1467



7.1303, 7.4735, 7.5996



14.2853, 11.8061, 1.5259



0.2969, 0.2940, 0.0411

Inverse Universe

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



30.4895, 32.1585, 36.9483



54.8341, 57.8560, 67.0207



30.0879, 31.2264, 36.7896



6.8686, 7.2488, 8.4438



6.6187, 5.3289, 26.5870



0.1595, 0.1775, 0.4891

Previews

White Background



This preview shows how the XYZ color 31.4078, 32.9462, 33.9820 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 31.4078, 32.9462, 33.9820 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

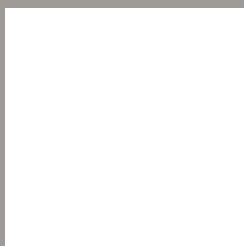
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.4078, 32.9462, 33.9820

Background



This preview shows how black text looks on a background with the XYZ color 31.4078, 32.9462, 33.9820.



This preview shows how white text looks on a background with the XYZ color 31.4078, 32.9462,

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

31.4078, 32.9462, 33.9820

Protanopia

31.6053, 33.0480, 33.9913

Deuteranopia

33.5871, 32.8503, 34.2763



Tritanopia

32.6800, 32.9727, 40.2393

Trichromacy



Original Color

31.4078, 32.9462, 33.9820

Protanomaly

31.6053, 33.0480, 33.9913

Deuteranomaly

32.8321, 32.9390, 34.3332

Tritanomaly

32.1988, 33.0202, 37.9342

Monochromacy



Original Color

31.4078, 32.9462, 33.9820

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

31.2644, 32.8437, 35.2635

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.4078, 32.9462, 33.9820 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(158, 155, 151)` looks like.

```
.text, #text, p{  
    color:rgb(158, 155, 151)  
}
```

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(158, 155, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 155, 151) }
```

Border

The CSS property to change the border of an element to XYZ 31.4078, 32.9462, 33.9820 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(158, 155, 151) }
```


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

```
.border{ border-color:rgb(158, 155, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 155, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 155, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 155, 151);  
box-shadow:4px 4px 4px 4px rgb(158, 155,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 31.4078, 32.9462, 33.9820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 155, 151) }
```

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

```
.background{ background-color: rgb(158,  
155, 151) }
```

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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