

Converting Colors

XYZ(31.5192, 33.4780, 32.6284)

Have a look what the booklet for
XYZ(31.5192, 33.4780, 32.6284)
contains.

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Color

**XYZ(31.5028, 33.5212,
32.8268)**

Conversions

Conversions Part 1

Format	Color
Hex	9E9D94
RGB	158, 157, 148
RGB Percent	62%, 62%, 58%
CMY	0.3804, 0.3843, 0.4196
CMYK	0.00, 0.01, 0.06, 0.38
HSL	54°, 5%, 60%
HSV	54°, 6%, 62%
XYZ	31.5028, 33.5212, 32.8268
YIQ	156.2730, 3.4850, -2.5870

Conversions

Conversions Part 2

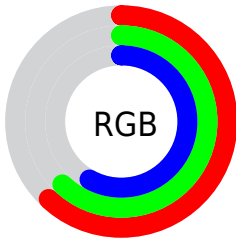
Format	Color
RYB	149, 158, 148
Decimal	10395028
CIELab	64.58, -1.31, 4.82
CIELCh	65, 4.999, 105.148
Yxy	33.5212, 0.3219, 0.3426
Android (android.graphics.Color)	4288585108 (0xFF9E9D94)
YUV	156.2730, -4.0786, 1.5146
Hunter-Lab	57.8975, -4.1964, 6.9119

Details

The XYZ color **31.5028, 33.5212, 32.8268** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.1316, 30.2588, 36.6532**, and the grayscale version is **31.7392, 33.3921, 36.3640**.

A 20% lighter version of the original color is **61.6447, 65.4974, 65.2703**, and **13.3751, 14.2969, 13.3639** is the 20% darker color. If you saturate the color by 10%, you get **30.0723, 32.5266, 26.5953**, and if you desaturate by 10%, it is **33.1094, 34.5939, 39.9601**.

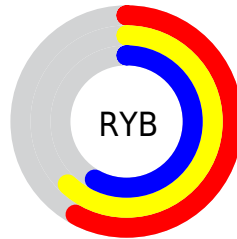
Distribution



Red (62%)

Green (62%)

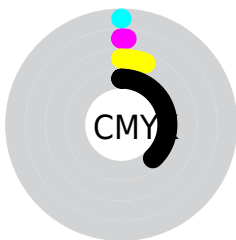
Blue (58%)



Red (58%)

Yellow (62%)

Blue (58%)

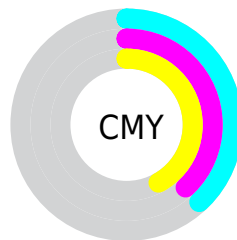


Cyan (0%)

Magenta (1%)

Yellow (6%)

Black (38%)



Cyan (38%)

Magenta (38%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.5028, 33.5212, 32.8268 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 31.5028, 33.5212, 32.8268 by changing the saturation by 10% instead.

■ 31.5028, 33.5212,
32.8268

■ 31.5028, 33.5212,
32.8268

300.6338,
317.9918, 329.4766

■ 21.1357, 22.5260,
21.7238

■ 61.4013, 65.1884,
65.2179

■ 13.3363, 14.2439,
13.4577

■ 81.6634, 86.6292,
87.3431

■ 7.7391, 8.2905,
7.6100

105.9546,
112.3207, 113.9794

■ 3.9789, 4.2814,
3.7623

134.6402,
142.6472, 145.5453

■ 1.6902, 1.8322,
1.4959

168.0855,
177.9932, 182.4595

■ 0.4501, 0.5071,
0.2148

206.6560,

■ 0.0000, 0.0000,

218.7430, 225.1404

0.0000

250.7170,
265.2811, 274.0066

■ 31.5028, 33.5212,
32.8268

■ 31.5028, 33.5212,
32.8268

■ 30.0723, 32.5266,
26.5953

■ 33.1094, 34.5939,
39.9601

■ 28.8081, 31.6028,
21.2272

■ 34.8957, 35.7430,
48.0272

■ 27.7039, 30.7486,
16.6846

■ 36.8689, 36.9723,
57.0611

■ 26.7518, 29.9606,
12.9259

■ 39.0347, 38.2843,
67.0927

■ 25.9431, 29.2353,
9.9060

■ 41.3989, 39.6812,
78.1513

■ 25.2684, 28.5691,
7.5750

■ 43.9668, 41.1651,
90.2653

■ 24.7171, 27.9576,
5.8771

■ 46.1581, 42.5040,
100.3790

■ 24.2768, 27.3958,
4.7474

■ 46.4506, 43.0891,
100.4765

■ 23.9299, 26.8768,
4.0931

■ 46.7467, 43.6812,
100.5752

Harmonies

Analogous

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



32.2148, 33.5212, 32.8219



31.5028, 33.5212, 32.8268



30.8956, 33.5212, 33.7903

Triad

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



31.5028, 33.5212, 32.8268



30.9006, 33.5212, 39.3635



33.2091, 33.5212, 37.5180

Complementary

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



31.5028, 33.5212, 32.8268



29.1316, 30.2588, 36.6532

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.



32.8460, 33.5212, 39.3484



31.5028, 33.5212, 32.8268



31.5096, 33.5212, 40.4407

Square

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



31.5028, 33.5212, 32.8268



30.5515, 33.5212, 37.5380



32.2217, 33.5212, 40.4351



33.2072, 33.5212, 35.4791

Rectangle

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



31.5028, 33.5212, 32.8268



30.6290, 33.5212, 34.8681



32.2217, 33.5212, 40.4351



33.1254, 33.5212, 38.1797

Sweetspot

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



31.5037, 33.5227, 32.8275



58.4216, 61.6941, 64.9666



30.1157, 30.6193, 32.7571



13.1789, 13.9141, 14.6811



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.



31.5037, 33.5227, 32.8275



56.7119, 60.5359, 57.4257



30.8989, 33.4622, 32.8477



7.1137, 7.6073, 7.0791



19.0867, 21.4091, 3.1264



0.3560, 0.4122, 0.0608

Inverse Universe

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



29.1316, 30.2588, 36.6532



51.2271, 52.9892, 66.2714



29.7108, 30.3243, 36.6353



6.3353, 6.5364, 8.3344



5.1029, 2.2974, 26.0817



0.1049, 0.0685, 0.4709

Previews

White Background



This preview shows how the XYZ color 31.5028, 33.5212, 32.8268 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 31.5028, 33.5212, 32.8268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

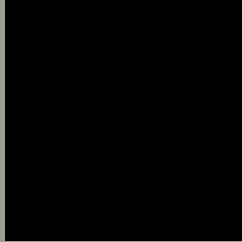
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

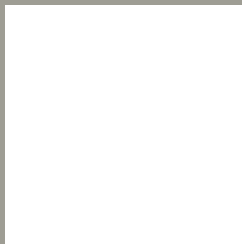
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.5028, 33.5212, 32.8268

Background



This preview shows how black text looks on a background with the XYZ color 31.5028, 33.5212, 32.8268.



This preview shows how white text looks on a background with the XYZ color 31.5028, 33.5212,

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

31.5028, 33.5212, 32.8268

Protanopia

31.8529, 33.4606, 32.3835

Deuteranopia

33.9470, 33.3018, 33.0725



Tritanopia

33.1365, 33.4414, 40.7848

Trichromacy



Original Color

31.5028, 33.5212, 32.8268

Protanomaly

31.6521, 33.3571, 32.3741

Deuteranomaly

32.9645, 33.2772, 33.1195

Tritanomaly

32.4766, 33.4195, 37.5398

Monochromacy



Original Color

31.5028, 33.5212, 32.8268

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.5429, 33.2449, 34.8914

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.5028, 33.5212, 32.8268 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, 157, 148)` looks like.

```
.text, #text, p{  
    color:rgb(158, 157, 148)  
}
```

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, 157, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 157, 148) }
```

Border

The CSS property to change the border of an element to XYZ 31.5028, 33.5212, 32.8268 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, 157, 148) }
```


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

```
.border{ border-color:rgb(158, 157, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 157, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 157, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 157, 148);  
box-shadow:4px 4px 4px 4px rgb(158, 157,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 31.5028, 33.5212, 32.8268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 157, 148) }
```

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

```
.background{ background-color: rgb(158,  
157, 148) }
```

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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