

Converting Colors

XYZ(30.3209, 31.1810, 32.4967)

Have a look what the booklet for
XYZ(30.3209, 31.1810, 32.4967)
contains.

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Color

**XYZ(30.3522, 31.2199,
32.4433)**

Conversions

Conversions Part 1

Format	Color
Hex	9E9694
RGB	158, 150, 148
RGB Percent	62%, 59%, 58%
CMY	0.3804, 0.4117, 0.4196
CMYK	0.00, 0.05, 0.06, 0.38
HSL	12°, 5%, 60%
HSV	12°, 6%, 62%
XYZ	30.3522, 31.2199, 32.4433
YIQ	152.1640, 5.4100, 1.0740

Conversions

Conversions Part 2

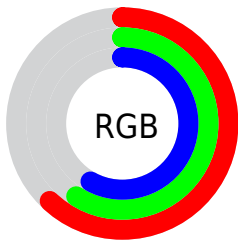
Format	Color
R_{YB}	158, 151, 148
Decimal	10393236
CIE Lab	62.69, 2.57, 2.09
CIE LCh	63, 3.312, 39.215
Yxy	31.2199, 0.3228, 0.3321
Android (android.graphics.Color)	4288583316 (0xFF9E9694)
YUV	152.1640, -2.0529, 5.1182
Hunter-Lab	55.8748, -0.8164, 4.6860

Details

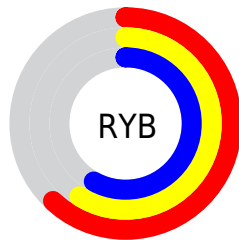
The XYZ color **30.3522, 31.2199, 32.4433** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.2728, 32.5410, 37.0337**, and the grayscale version is **29.9235, 31.4818, 34.2837**.

A 20% lighter version of the original color is **59.6941, 61.5961, 64.6201**, and **12.6829, 12.9125, 13.1332** is the 20% darker color. If you saturate the color by 10%, you get **27.2774, 26.9368, 25.6636**, and if you desaturate by 10%, it is **33.8169, 36.0089, 40.1960**.

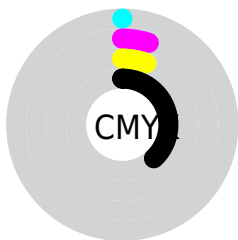
Distribution



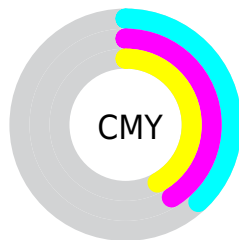
- Red (62%)
- Green (59%)
- Blue (58%)



- Red (62%)
- Yellow (59%)
- Blue (58%)



- Cyan (0%)
- Magenta (5%)
- Yellow (6%)
- Black (38%)



- Cyan (38%)
- Magenta (41%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.3522, 31.2199, 32.4433 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 30.3522, 31.2199, 32.4433 by changing the saturation by 10% instead.

■ 30.3522, 31.2199,
32.4433

■ 30.3522, 31.2199,
32.4433

295.4232,
307.5501, 327.6884

■ 20.2555, 20.7664,
21.4327

■ 59.6015, 61.5861,
64.6114

■ 12.6902, 12.9533,
13.2463

■ 79.4848, 82.2676,
86.6059

■ 7.2911, 7.3964,
7.4657

103.3611,
107.1271, 113.0988

■ 3.6928, 3.7112,
3.6722

131.5955,
136.5492, 144.5087

■ 1.5298, 1.5134,
1.4473

164.5536,
170.9181, 181.2541

■ 0.3460, 0.2981,
0.1782

202.6007,

■ 0.0000, 0.0000,

210.6183, 223.7535

0.0000

246.1021,
256.0342, 272.4254

■ 30.3522, 31.2199,
32.4433

■ 30.3522, 31.2199,
32.4433

■ 27.2774, 26.9368,
25.6636

■ 33.8169, 36.0089,
40.1960

■ 24.5763, 23.1390,
19.8165

■ 37.6820, 41.3155,
48.9560

■ 22.2350, 19.8106,
14.8616

■ 41.9608, 47.1560,
58.7585

■ 20.2381, 16.9332,
10.7546

■ 46.6650, 53.5448,
69.6362

■ 18.5690, 14.4870,
7.4479

■ 51.8063, 60.4957,
81.6206

■ 17.2094, 12.4510,
4.8886

■ 57.3954, 68.0223,
94.7416

■ 16.1394, 10.8022,
3.0178

■ 62.8577, 75.9030,
105.9455

■ 15.3366, 9.5153,
1.7673

■ 66.6760, 83.5397,
107.2183

■ 14.7720, 8.5608,
1.0404

■ 67.9107, 86.0092,
107.6299

Harmonies

Analogous

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



30.5400, 31.2199, 33.5960



30.3522, 31.2199, 32.4433



29.9831, 31.2199, 31.7183

Triad

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



30.3522, 31.2199, 32.4433



28.8682, 31.2199, 33.1173



29.8130, 31.2199, 36.5103

Complementary

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



30.3522, 31.2199, 32.4433



30.2728, 32.5410, 37.0337

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.



29.3662, 31.2199, 36.3743



30.3522, 31.2199, 32.4433



28.8237, 31.2199, 34.3934

Square

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



30.3522, 31.2199, 32.4433



29.1274, 31.2199, 32.1005



29.0051, 31.2199, 35.5916



30.2266, 31.2199, 35.9588

Rectangle

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



30.3522, 31.2199, 32.4433



29.6855, 31.2199, 31.5641



29.0051, 31.2199, 35.5916



29.6617, 31.2199, 36.5438

Sweetspot

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



30.3531, 31.2213, 32.4440



57.7311, 60.3131, 64.7364



30.6916, 30.8497, 35.7899



13.0322, 13.6207, 14.6322



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.



30.3531, 31.2213, 32.4440



54.0479, 55.2079, 56.5377



31.1676, 32.8504, 32.7155



6.7353, 6.8506, 6.9530



11.7227, 6.6810, 0.6717



0.2352, 0.1706, 0.0205

Inverse Universe

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



30.2728, 32.5410, 37.0337



53.8621, 58.2592, 67.1498



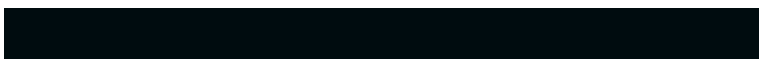
29.4514, 30.8982, 36.7599



6.7089, 7.2836, 8.4590



10.9828, 14.0571, 28.0417



0.2227, 0.3040, 0.5102

Previews

White Background



This preview shows how the XYZ color 30.3522, 31.2199, 32.4433 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 30.3522, 31.2199, 32.4433 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 30.3522, 31.2199, 32.4433

Background



This preview shows how black text looks on a background with the XYZ color 30.3522, 31.2199, 32.4433.

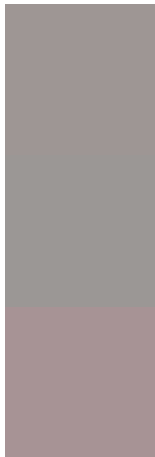


This preview shows how white text looks on a background with the XYZ color 30.3522, 31.2199,

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

30.3522, 31.2199, 32.4433

Protanopia

30.0090, 31.2717, 32.8882

Deuteranopia

31.7949, 31.2529, 32.7904



Tritanopia

31.4323, 31.1915, 37.6216

Trichromacy



Original Color

30.3522, 31.2199, 32.4433

Protanomaly

30.2017, 31.3711, 32.8972

Deuteranomaly

31.3246, 31.2422, 32.8131

Tritanomaly

31.0463, 31.2661, 35.8511

Monochromacy



Original Color

30.3522, 31.2199, 32.4433

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.9789, 31.2376, 33.7276

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3522, 31.2199, 32.4433 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, 150, 148)` looks like.

```
.text, #text, p{  
    color:rgb(158, 150, 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, 150, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 150, 148) }
```

Border

The CSS property to change the border of an element to XYZ 30.3522, 31.2199, 32.4433 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, 150, 148) }
```


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

```
.border{ border-color:rgb(158, 150, 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, 150, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 150, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 150, 148);  
box-shadow:4px 4px 4px 4px rgb(158, 150,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3522, 31.2199, 32.4433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 150, 148) }
```

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

```
.background{ background-color: rgb(158,  
150, 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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