

Converting Colors

XYZ(32.0818, 31.8898, 33.9698)

Have a look what the booklet for
XYZ(32.0818, 31.8898, 33.9698)
contains.

XYZ(32.1408, 31.8689, 34.1631)	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(32.1408, 31.8689,
34.1631)**

Conversions

Conversions Part 1

Format	Color
Hex	A69598
RGB	166, 149, 152
RGB Percent	65%, 58%, 60%
CMY	0.3490, 0.4157, 0.4039
CMYK	0.00, 0.10, 0.08, 0.35
HSL	349°, 9%, 62%
HSV	349°, 10%, 65%
XYZ	32.1408, 31.8689, 34.1631
YIQ	154.4250, 9.1690, 4.5370

Conversions

Conversions Part 2

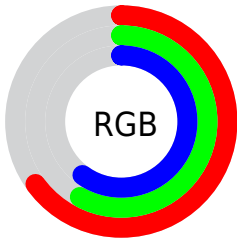
Format	Color
R_{YB}	166, 149, 152
Decimal	10917272
CIE Lab	63.23, 6.82, 0.71
CIE LCh	63, 6.854, 5.929
Yxy	31.8689, 0.3274, 0.3246
Android (android.graphics.Color)	4289107352 (0xFFA69598)
YUV	154.4250, -1.1955, 10.1513
Hunter-Lab	56.4525, 2.8356, 3.6366

Details

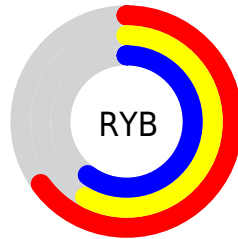
The XYZ color **32.1408, 31.8689, 34.1631** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.6427, 36.3071, 39.9395**, and the grayscale version is **30.9050, 32.5144, 35.4082**.

A 20% lighter version of the original color is **62.3153, 62.5403, 67.1796**, and **13.6561, 13.2524, 14.1501** is the 20% darker color. If you saturate the color by 10%, you get **28.6434, 26.5639, 27.7872**, and if you desaturate by 10%, it is **36.1435, 37.9770, 41.3452**.

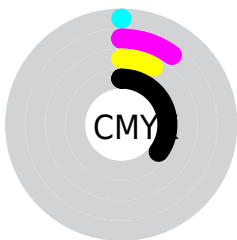
Distribution



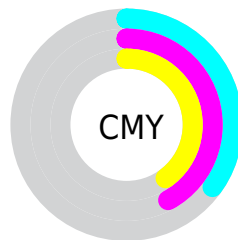
- Red (65%)
- Green (58%)
- Blue (60%)



- Red (65%)
- Yellow (58%)
- Blue (60%)



- Cyan (0%)
- Magenta (10%)
- Yellow (8%)
- Black (35%)





- Cyan (35%)
- Magenta (42%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.1408, 31.8689, 34.1631 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 32.1408, 31.8689, 34.1631 by changing the saturation by 10% instead.


 32.1408, 31.8689,
34.1631


 32.1408, 31.8689,
34.1631


303.4940,
310.5216, 335.6500

 21.6251, 21.2614,
22.7406


 62.3955, 62.6055,
67.3240

 13.6968, 13.3152,
14.1986

 82.8652, 83.5034,
89.8995

 7.9904, 7.6460,
8.1186

107.3836,
108.6002, 117.0296

 4.1405, 3.8692,
4.0821

136.3161,
138.2803, 149.1330

 1.7819, 1.6007,
1.6705

170.0280,
172.9281, 186.6282

 0.5068, 0.3581,
0.3404

208.8848,

 0.0000, 0.0000,

212.9280, 229.9338

0.0000

253.2517,
258.6644, 279.4682

■ 32.1408, 31.8689,
34.1631

■ 32.1408, 31.8689,
34.1631

■ 28.6434, 26.5639,
27.7872

■ 36.1435, 37.9770,
41.3452

■ 25.6285, 22.0246,
22.1871

■ 40.6677, 44.9154,
49.3582

■ 23.0755, 18.2167,
17.3337

■ 45.7323, 52.7151,
58.2285

■ 20.9612, 15.1020,
13.1952

■ 51.3545, 61.4041,
67.9805

■ 19.2605, 12.6383,
9.7373

■ 57.5507, 71.0095,
78.6376

■ 17.9456, 10.7793,
6.9230

■ 64.3365, 81.5569,
90.2225

■ 16.9854, 9.4723,
4.7118

■ 68.3846, 86.3865,
101.6429

■ 16.3434, 8.6553,
3.0581

■ 69.5360, 86.8471,
107.7060

■ 15.9511, 8.1971,
1.9215

Harmonies

Analogous

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



31.9862, 31.8689, 36.8739



32.1408, 31.8689, 34.1631



31.7913, 31.8689, 31.7245

Triad

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



32.1408, 31.8689, 34.1631



29.2329, 31.8689, 30.6401



29.5527, 31.8689, 39.6903

Complementary

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



32.1408, 31.8689, 34.1631



32.6427, 36.3071, 39.9395

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.



28.8376, 31.8689, 37.8556



32.1408, 31.8689, 34.1631



28.6557, 31.8689, 32.6129

Square

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



32.1408, 31.8689, 34.1631



30.1024, 31.8689, 29.7598



28.5125, 31.8689, 35.2421



30.4792, 31.8689, 40.1583

Rectangle

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



32.1408, 31.8689, 34.1631



31.3236, 31.8689, 30.5508



28.5125, 31.8689, 35.2421



29.2802, 31.8689, 39.2084

Sweetspot

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



32.1417, 31.8703, 34.1638



63.4561, 65.6519, 71.2149



32.7117, 32.0238, 40.5338



14.0689, 14.4910, 15.7014



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.



32.1417, 31.8703, 34.1638



57.0024, 55.8166, 59.5927



32.7706, 33.5161, 33.1776



7.5831, 7.5631, 8.1219



12.3820, 6.3615, 1.5572



0.3164, 0.1608, 0.1177

Inverse Universe

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



32.1417, 31.8703, 34.1638



57.0024, 55.8166, 59.5927



31.9565, 34.4997, 41.0515



7.5831, 7.5631, 8.1219



12.3820, 6.3615, 1.5572



0.3164, 0.1608, 0.1177

Previews

White Background



This preview shows how the XYZ color 32.1408, 31.8689, 34.1631 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 32.1408, 31.8689, 34.1631 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 32.1408, 31.8689, 34.1631

Background



This preview shows how black text looks on a background with the XYZ color 32.1408, 31.8689, 34.1631.



This preview shows how white text looks on a background with the XYZ color 32.1408, 31.8689,

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

32.1408, 31.8689, 34.1631

Protanopia

30.7713, 31.8575, 35.0991

Deuteranopia

32.4058, 31.7716, 34.1303



Tritanopia

32.7843, 31.8985, 37.2300

Trichromacy



Original Color

32.1408, 31.8689, 34.1631

Protanomaly

31.3136, 31.9067, 34.6452

Deuteranomaly

32.1938, 31.6623, 34.1204

Tritanomaly

32.5270, 31.7956, 35.8753

Monochromacy



Original Color

32.1408, 31.8689, 34.1631

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

31.0786, 32.0255, 34.6805

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1408, 31.8689, 34.1631 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(166, 149, 152)` looks like.

```
.text, #text, p{  
    color:rgb(166, 149, 152)  
}
```

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(166, 149, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 149, 152) }
```

Border

The CSS property to change the border of an element to XYZ 32.1408, 31.8689, 34.1631 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(166, 149, 152) }
```


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

```
.border{ border-color:rgb(166, 149, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 149, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 149, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 149, 152);  
box-shadow:4px 4px 4px 4px rgb(166, 149,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1408, 31.8689, 34.1631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 149, 152) }
```

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

```
.background{ background-color: rgb(166,  
149, 152) }
```

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