

Converting Colors

XYZ(32.8683, 31.5208, 34.8887)

Have a look what the booklet for
XYZ(32.8683, 31.5208, 34.8887)
contains.

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Color

**XYZ(32.9062, 31.5488,
34.9270)**

Conversions

Conversions Part 1

Format	Color
Hex	AB929A
RGB	171, 146, 154
RGB Percent	67%, 57%, 60%
CMY	0.3294, 0.4274, 0.3961
CMYK	0.00, 0.15, 0.10, 0.33
HSL	341°, 13%, 62%
HSV	341°, 15%, 67%
XYZ	32.9062, 31.5488, 34.9270
YIQ	154.3870, 12.3320, 7.7880

Conversions

Conversions Part 2

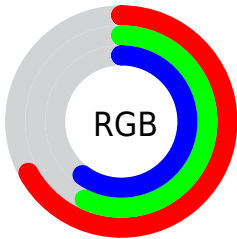
Format	Color
R_{YB}	171, 146, 154
Decimal	11244186
CIE Lab	62.97, 10.71, -0.76
CIE LCh	63, 10.735, 355.959
Yxy	31.5488, 0.3311, 0.3174
Android (android.graphics.Color)	4289434266 (0xFFAB929A)
YUV	154.3870, -0.1908, 14.5696
Hunter-Lab	56.1683, 6.2796, 2.4497

Details

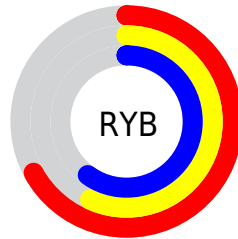
The XYZ color **32.9062, 31.5488, 34.9270** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.0291, 37.8820, 40.2233**, and the grayscale version is **30.8830, 32.4913, 35.3830**.

A 20% lighter version of the original color is **63.4035, 62.0314, 68.3060**, and **14.1481, 13.0856, 14.6121** is the 20% darker color. If you saturate the color by 10%, you get **29.5428, 26.2974, 29.2565**, and if you desaturate by 10%, it is **36.7595, 37.6291, 41.2246**.

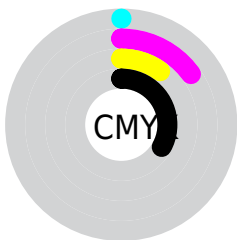
Distribution



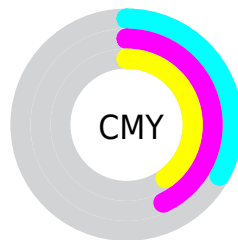
- Red (67%)
- Green (57%)
- Blue (60%)



- Red (67%)
- Yellow (57%)
- Blue (60%)



- Cyan (0%)
- Magenta (15%)
- Yellow (10%)
- Black (33%)





- Cyan (33%)
- Magenta (43%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.9062, 31.5488, 34.9270 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 32.9062, 31.5488, 34.9270 by changing the saturation by 10% instead.


 32.9062, 31.5488,
34.9270


 32.9062, 31.5488,
34.9270


306.8993,
309.0587, 339.1405

 22.2135, 21.0171,
23.3235

 63.5847, 62.1031,
68.5230

 14.1313, 13.1365,
14.6251


 84.3012, 82.8944,
91.3525

 8.2944, 7.5226,
8.4130


109.0897,
107.8745, 118.7612

 4.3373, 3.7910,
4.2688

138.3156,
137.4276, 151.1676

 1.8947, 1.5574,
1.7739

172.3441,
171.9382, 188.9902

 0.5737, 0.3286,
0.4107

211.5406,

 0.0000, 0.0000,

211.7907, 232.6475

0.0000

256.2706,
257.3694, 282.5580

■ 32.9062, 31.5488,
34.9270

■ 32.9062, 31.5488,
34.9270

■ 29.5428, 26.2974,
29.2565

■ 36.7595, 37.6291,
41.2246

■ 26.6466, 21.8349,
24.1913

■ 41.1190, 44.5678,
48.1662

■ 24.1969, 18.1238,
19.7111

■ 46.0035, 52.3982,
55.7705

■ 22.1704, 15.1224,
15.7939

■ 51.4299, 61.1506,
64.0547

■ 20.5417, 12.7846,
12.4160

■ 57.4145, 70.8537,
73.0357

■ 19.2824, 11.0589,
9.5518

■ 63.9728, 81.5350,
82.7294

■ 18.3601, 9.8860,
7.1735

■ 67.6091, 86.1998,
91.9812

■ 17.7360, 9.1943,
5.2498

■ 69.3490, 86.8957,
101.1432

■ 17.4773, 8.9310,
4.3802

■ 70.6047, 87.3980,
107.7560

Harmonies

Analogous

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



32.3991, 31.5488, 39.1033



32.9062, 31.5488, 34.9270



32.6101, 31.5488, 30.9159

Triad

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



32.9062, 31.5488, 34.9270



28.7614, 31.5488, 27.5515



28.4259, 31.5488, 41.5337

Complementary

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



32.9062, 31.5488, 34.9270



33.0291, 37.8820, 40.2233

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.



27.5070, 31.5488, 38.0321



32.9062, 31.5488, 34.9270



27.6962, 31.5488, 30.0007

Square

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



32.9062, 31.5488, 34.9270



30.1865, 31.5488, 26.8670



27.2442, 31.5488, 33.7819



29.7867, 31.5488, 43.1105

Rectangle

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



32.9062, 31.5488, 34.9270



32.0020, 31.5488, 28.8353



27.2442, 31.5488, 33.7819



28.0569, 31.5488, 40.5294

Sweetspot

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



32.9071, 31.5502, 34.9277



66.2372, 68.0306, 74.4805



32.6668, 31.2510, 42.8388



14.6499, 14.9789, 16.4140



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



32.9071, 31.5502, 34.9277



56.6048, 52.8540, 58.6659



32.9169, 32.6005, 31.7535



8.1069, 8.0560, 8.8737



13.1969, 6.7413, 3.4162



0.3924, 0.1977, 0.2283

Inverse Universe

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



32.9071, 31.5502, 34.9277



56.6048, 52.8540, 58.6659



32.9940, 36.6286, 43.8595



8.1069, 8.0560, 8.8737



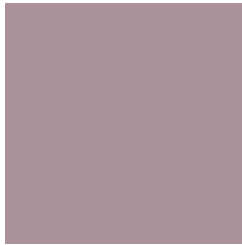
13.1969, 6.7413, 3.4162



0.3924, 0.1977, 0.2283

Previews

White Background



This preview shows how the XYZ color 32.9062, 31.5488, 34.9270 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 32.9062, 31.5488, 34.9270 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 32.9062, 31.5488, 34.9270

Background



This preview shows how black text looks on a background with the XYZ color 32.9062, 31.5488, 34.9270.



This preview shows how white text looks on a background with the XYZ color 32.9062, 31.5488,

34.9270.

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

32.9062, 31.5488, 34.9270

Protanopia

30.6405, 31.7608, 36.4138

Deuteranopia

32.3590, 31.7284, 34.9905



Tritanopia

33.1593, 31.6500, 36.2597

Trichromacy



Original Color

32.9062, 31.5488, 34.9270

Protanomaly

31.4043, 31.6866, 35.9134

Deuteranomaly

32.4149, 31.5254, 34.9484

Tritanomaly

33.0742, 31.6160, 35.8118

Monochromacy



Original Color

32.9062, 31.5488, 34.9270

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

31.3965, 31.9399, 35.0821

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9062, 31.5488, 34.9270 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(171, 146, 154)` looks like.

```
.text, #text, p{  
    color:rgb(171, 146, 154)  
}
```

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(171, 146, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 146, 154) }
```

Border

The CSS property to change the border of an element to XYZ 32.9062, 31.5488, 34.9270 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(171, 146, 154) }
```


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

```
.border{ border-color:rgb(171, 146, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 146, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 146, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 146, 154);  
box-shadow:4px 4px 4px 4px rgb(171, 146,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 32.9062, 31.5488, 34.9270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 146, 154) }
```

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

```
.background{ background-color: rgb(171,  
146, 154) }
```

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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