

Converting Colors

XYZ(32.9749, 31.3201, 31.9698)

Have a look what the booklet for
XYZ(32.9749, 31.3201, 31.9698)
contains.

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Color

**XYZ(33.0711, 31.4713,
31.9353)**

Conversions

Conversions Part 1

Format	Color
Hex	AF9193
RGB	175, 145, 147
RGB Percent	69%, 57%, 58%
CMY	0.3137, 0.4314, 0.4235
CMYK	0.00, 0.17, 0.16, 0.31
HSL	356°, 16%, 63%
HSV	356°, 17%, 69%
XYZ	33.0711, 31.4713, 31.9353
YIQ	154.1980, 17.2380, 6.9820

Conversions

Conversions Part 2

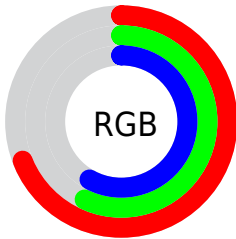
Format	Color
R_{YB}	175, 145, 147
Decimal	11506067
CIE _{Lab}	62.90, 11.57, 3.16
CIE _{LCh}	63, 11.996, 15.265
Yxy	31.4713, 0.3428, 0.3262
Android (android.graphics.Color)	4289696147 (0xFFAF9193)
YUV	154.1980, -3.5486, 18.2434
Hunter-Lab	56.0993, 7.0538, 5.5178

Details

The XYZ color **33.0711, 31.4713, 31.9353** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.5511, 39.6977, 45.3785**, and the grayscale version is **30.8126, 32.4172, 35.3024**.

A 20% lighter version of the original color is **63.9210, 62.0528, 63.8667**, and **14.1864, 13.0060, 13.0720** is the 20% darker color. If you saturate the color by 10%, you get **29.4082, 26.0530, 24.8330**, and if you desaturate by 10%, it is **37.3298, 37.7891, 40.1350**.

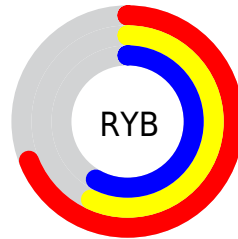
Distribution



Red (69%)

Green (57%)

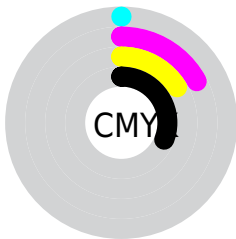
Blue (58%)



Red (69%)

Yellow (57%)

Blue (58%)

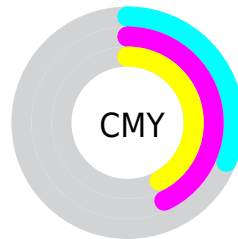


Cyan (0%)

Magenta (17%)

Yellow (16%)

Black (31%)



Cyan (31%)


Magenta (43%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.0711, 31.4713, 31.9353 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 33.0711, 31.4713, 31.9353 by changing the saturation by 10% instead.


 33.0711, 31.4713,
31.9353


 33.0711, 31.4713,
31.9353


307.6293,
308.7038, 325.3081

 22.3404, 20.9580,
21.0477


 63.8405, 61.9813,
63.8064

 14.2252, 13.0933,
12.9673


 84.6098, 82.7468,
85.6269

 8.3602, 7.4928,
7.2756


109.4562,
107.6985, 111.9288

 4.3800, 3.7722,
3.5540

138.7448,
137.2208, 143.1307

 1.9193, 1.5470,
1.3840

172.8410,
171.6981, 179.6510

 0.5880, 0.3214,
0.1292

212.1103,

 0.0000, 0.0000,

211.5148, 221.9083

0.0000

256.9180,
257.0552, 270.3211

■ 33.0711, 31.4713,
31.9353

■ 33.0711, 31.4713,
31.9353

■ 29.4082, 26.0530,
24.8330

■ 37.3298, 37.7891,
40.1350

■ 26.3119, 21.4892,
18.7796

■ 42.2063, 45.0402,
49.4737

■ 23.7548, 17.7377,
13.7260

■ 47.7249, 53.2618,
59.9934

■ 21.7059, 14.7508,
9.6183

■ 53.9077, 62.4879,
71.7334

■ 20.1312, 12.4758,
6.3977

■ 60.7759, 72.7508,
84.7310

■ 18.9925, 10.8536,
3.9987

■ 68.3496, 84.0814,
99.0221

■ 18.2458, 9.8152,
2.3466

■ 71.4894, 87.8541,
107.7974

■ 17.8297, 9.2611,
1.3507

■ 17.7437, 9.1398,
1.1657

Harmonies

Analogous

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



33.0792, 31.4713, 36.6247



33.0711, 31.4713, 31.9353



32.1960, 31.4713, 28.2225

Triad

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



33.0711, 31.4713, 31.9353



27.7200, 31.4713, 28.2746



29.1147, 31.4713, 43.8024

Complementary

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



33.0711, 31.4713, 31.9353



34.5511, 39.6977, 45.3785

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.



27.7396, 31.4713, 41.1180



33.0711, 31.4713, 31.9353



26.9547, 31.4713, 32.0126

Square

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



33.0711, 31.4713, 31.9353



29.0869, 31.4713, 26.2447



26.9618, 31.4713, 36.7093



30.7536, 31.4713, 43.7769

Rectangle

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



33.0711, 31.4713, 31.9353



31.2566, 31.4713, 26.6756



26.9618, 31.4713, 36.7093



28.6076, 31.4713, 43.1770

Sweetspot

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



33.0720, 31.4727, 31.9360



68.5579, 70.2075, 75.1467



35.0978, 32.2316, 44.9294



15.1098, 15.4142, 16.4566



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



33.0720, 31.4727, 31.9360



56.3327, 52.0761, 51.5901



35.0179, 35.6132, 31.8181



8.0261, 8.0237, 8.4481



12.7155, 6.5488, 0.8815



0.3606, 0.1849, 0.0606

Inverse Universe

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



33.0720, 31.4727, 31.9360



56.3327, 52.0761, 51.5901



32.3365, 34.9568, 45.6010



8.0261, 8.0237, 8.4481



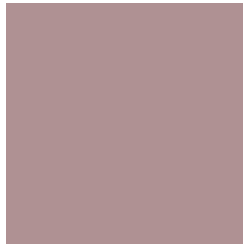
12.7155, 6.5488, 0.8815



0.3606, 0.1849, 0.0606

Previews

White Background



This preview shows how the XYZ color 33.0711, 31.4713, 31.9353 looks on a white background.

Color Contrast Check

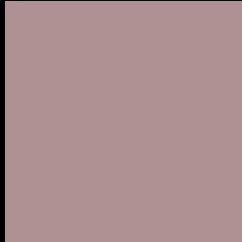
Large Text (above 18pt) WCAG AA × Fail

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 33.0711, 31.4713, 31.9353 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 33.0711, 31.4713, 31.9353

Background



This preview shows how black text looks on a background with the XYZ color 33.0711, 31.4713, 31.9353.



This preview shows how white text looks on a background with the XYZ color 33.0711, 31.4713,

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

33.0711, 31.4713, 31.9353

Protanopia

30.3317, 31.6594, 33.7904

Deuteranopia

32.0624, 31.4090, 31.9764



Tritanopia

33.7941, 31.5432, 35.3176

Trichromacy



Original Color

33.0711, 31.4713, 31.9353

Protanomaly

31.1528, 31.3783, 33.2688

Deuteranomaly

32.3399, 31.3223, 31.9451

Tritanomaly

33.5453, 31.4436, 34.0070

Monochromacy



Original Color

33.0711, 31.4713, 31.9353

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

31.5528, 32.0490, 33.8012

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.0711, 31.4713, 31.9353 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(175, 145, 147)` looks like.

```
.text, #text, p{  
    color:rgb(175, 145, 147)  
}
```

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(175, 145, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 145, 147) }
```

Border

The CSS property to change the border of an element to XYZ 33.0711, 31.4713, 31.9353 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(175, 145, 147) }
```


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

```
.border{ border-color:rgb(175, 145, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 145, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 145, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 145, 147);  
box-shadow:4px 4px 4px 4px rgb(175, 145,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 33.0711, 31.4713, 31.9353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 145, 147) }
```

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

```
.background{ background-color: rgb(175,  
145, 147) }
```

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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