

Converting Colors

XYZ(33.1169, 31.8237, 37.5689)

Have a look what the booklet for
XYZ(33.1169, 31.8237, 37.5689)
contains.

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Color

**XYZ(33.1411, 31.8405,
37.6568)**

Conversions

Conversions Part 1

Format	Color
Hex	A993A0
RGB	169, 147, 160
RGB Percent	66%, 58%, 63%
CMY	0.3373, 0.4235, 0.3725
CMYK	0.00, 0.13, 0.05, 0.34
HSL	325°, 11%, 62%
HSV	325°, 13%, 66%
XYZ	33.1411, 31.8405, 37.6568
YIQ	155.0600, 8.9390, 8.7070

Conversions

Conversions Part 2

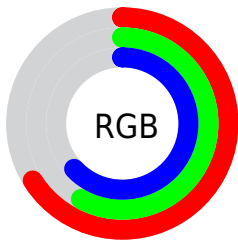
Format	Color
R_{YB}	169, 147, 160
Decimal	11113376
CIE _{Lab}	63.21, 10.50, -3.82
CIE _{LCh}	63, 11.168, 340.021
Yxy	31.8405, 0.3229, 0.3102
Android (android.graphics.Color)	4289303456 (0xFFA993A0)
YUV	155.0600, 2.4354, 12.2254
Hunter-Lab	56.4274, 6.0892, -0.0680

Details

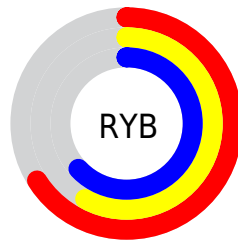
The XYZ color **33.1411, 31.8405, 37.6568** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.2226, 36.9802, 36.8939**, and the grayscale version is **31.1698, 32.7931, 35.7116**.

A 20% lighter version of the original color is **63.8929, 62.5269, 72.9914**, and **14.2793, 13.2518, 16.2732** is the 20% darker color. If you saturate the color by 10%, you get **30.1158, 26.7308, 33.7467**, and if you desaturate by 10%, it is **36.5880, 37.7386, 41.8743**.

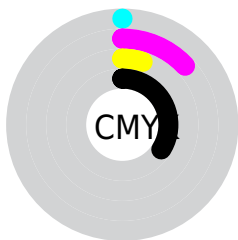
Distribution



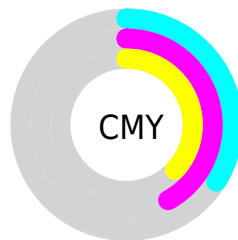
- Red (66%)
- Green (58%)
- Blue (63%)



- Red (66%)
- Yellow (58%)
- Blue (63%)



- Cyan (0%)
- Magenta (13%)
- Yellow (5%)
- Black (34%)



- Cyan (34%)
- Magenta (42%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.1411, 31.8405, 37.6568 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 33.1411, 31.8405, 37.6568 by changing the saturation by 10% instead.

■ 33.1411, 31.8405,
37.6568

■ 33.1411, 31.8405,
37.6568

307.9388,
310.3920, 351.3994

■ 22.3943, 21.2397,
25.4167

■ 63.9490, 62.5610,
72.7794

■ 14.2651, 13.2993,
16.1659

■ 84.7407, 83.4494,
96.4989

■ 8.3882, 7.6350,
9.4860

109.6116,
108.5359, 124.8820

■ 4.3982, 3.8623,
4.9584

138.9268,
138.2047, 158.3471

■ 1.9298, 1.5968,
2.1646

173.0518,
172.8404, 197.3129

■ 0.5941, 0.3555,
0.6538

212.3519,

■ 0.0000, 0.0000,

212.8272, 242.1978

0.0000

257.1924,
258.5496, 293.4205

■ 33.1411, 31.8405,
37.6568

■ 33.1411, 31.8405,
37.6568

■ 30.1158, 26.7308,
33.7467

■ 36.5880, 37.7386,
41.8743

■ 27.4920, 22.3716,
30.1333

■ 40.4700, 44.4527,
46.4050

■ 25.2521, 18.7280,
26.8086

■ 44.8033, 52.0140,
51.2574

■ 23.3759, 15.7608,
23.7629

■ 49.6027, 60.4510,
56.4388

■ 21.8416, 13.4270,
20.9860

■ 54.8820, 69.7907,
61.9562

■ 20.6246, 11.6785,
18.4669

■ 60.6547, 80.0591,
67.8167

■ 19.6969, 10.4603,
16.1931

■ 63.5574, 84.5291,
72.9013

■ 19.0251, 9.7068,
14.1503

■ 64.4292, 84.8778,
77.4921

■ 18.6556, 9.3524,
12.8416

■ 65.3386, 85.2416,
82.2809

Harmonies

Analogous

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



32.2136, 31.8405, 41.5985



33.1411, 31.8405, 37.6568



33.2830, 31.8405, 33.2099

Triad

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



33.1411, 31.8405, 37.6568



29.7496, 31.8405, 26.9500



28.0457, 31.8405, 40.4308

Complementary

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



33.1411, 31.8405, 37.6568



32.2226, 36.9802, 36.8939

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.



27.4322, 31.8405, 36.1700



33.1411, 31.8405, 37.6568



28.3936, 31.8405, 28.5550

Square

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



33.1411, 31.8405, 37.6568



31.2895, 31.8405, 27.2743



27.5574, 31.8405, 31.8434



29.2601, 31.8405, 43.2921

Rectangle

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



33.1411, 31.8405, 37.6568



32.9082, 31.8405, 30.5854



27.5574, 31.8405, 31.8434



27.7643, 31.8405, 39.1006

Sweetspot

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



33.1420, 31.8419, 37.6575



64.8383, 66.4039, 74.1699



31.2680, 30.7815, 41.8301



14.0294, 14.2971, 16.0426



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.



33.1420, 31.8419, 37.6575



57.5010, 53.8808, 65.0914



32.2379, 31.4802, 32.8963



7.7101, 7.6139, 8.7904



13.9308, 6.9810, 9.7131



0.3634, 0.1796, 0.3651

Inverse Universe

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



33.1420, 31.8419, 37.6575



57.5010, 53.8808, 65.0914



33.1782, 37.3625, 41.9261



7.7101, 7.6139, 8.7904



13.9308, 6.9810, 9.7131



0.3634, 0.1796, 0.3651

Previews

White Background



This preview shows how the XYZ color 33.1411, 31.8405, 37.6568 looks on a white background.

Color Contrast Check

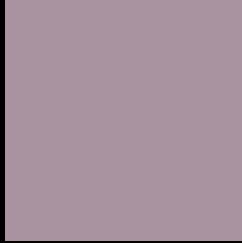
Large Text (above 18pt) WCAG AA × Fail

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 33.1411, 31.8405, 37.6568 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 33.1411, 31.8405, 37.6568

Background



This preview shows how black text looks on a background with the XYZ color 33.1411, 31.8405, 37.6568.



This preview shows how white text looks on a background with the XYZ color 33.1411, 31.8405,

37.6568.

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

33.1411, 31.8405, 37.6568

Protanopia

30.9760, 31.8731, 39.1698

Deuteranopia

32.6097, 32.0323, 37.7218



Tritanopia

33.0539, 31.8057, 37.1979

Trichromacy



Original Color

33.1411, 31.8405, 37.6568

Protanomaly

31.7260, 31.7923, 38.6468

Deuteranomaly

32.6610, 31.8249, 37.6791

Tritanomaly

33.0539, 31.8057, 37.1979

Monochromacy



Original Color

33.1411, 31.8405, 37.6568

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

31.8112, 32.3644, 36.4686

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.1411, 31.8405, 37.6568 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(169, 147, 160)` looks like.

```
.text, #text, p{  
    color:rgb(169, 147, 160)  
}
```

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(169, 147, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 147, 160) }
```

Border

The CSS property to change the border of an element to XYZ 33.1411, 31.8405, 37.6568 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(169, 147, 160) }
```


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

```
.border{ border-color:rgb(169, 147, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 147, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 147, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 147, 160);  
box-shadow:4px 4px 4px 4px rgb(169, 147,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 33.1411, 31.8405, 37.6568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 147, 160) }
```

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

```
.background{ background-color: rgb(169,  
147, 160) }
```

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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