

Converting Colors

XYZ(33.9608, 31.8380, 37.5350)

Have a look what the booklet for
XYZ(33.9608, 31.8380, 37.5350)
contains.

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Color

**XYZ(33.9261, 31.7875,
37.6052)**

Conversions

Conversions Part 1

Format	Color
Hex	AE91A0
RGB	174, 145, 160
RGB Percent	68%, 57%, 63%
CMY	0.3176, 0.4314, 0.3725
CMYK	0.00, 0.17, 0.08, 0.32
HSL	329°, 15%, 63%
HSV	329°, 17%, 68%
XYZ	33.9261, 31.7875, 37.6052
YIQ	155.3810, 12.4690, 10.8130

Conversions

Conversions Part 2

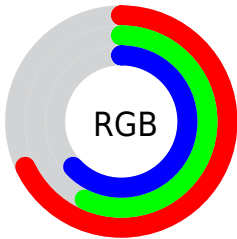
Format	Color
RYB	174, 145, 160
Decimal	11440544
CIELab	63.17, 13.44, -3.83
CIElCh	63, 13.977, 344.107
Yxy	31.7875, 0.3284, 0.3077
Android (android.graphics.Color)	4289630624 (0xFFAE91A0)
YUV	155.3810, 2.2772, 16.3289
Hunter-Lab	56.3804, 8.7441, -0.0796

Details

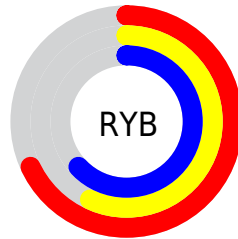
The XYZ color **33.9261, 31.7875, 37.6052** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **33.0723, 38.7959, 38.5479**, and the grayscale version is **31.3116, 32.9422, 35.8741**.

A 20% lighter version of the original color is **65.3223, 62.5761, 72.9255**, and **14.6482, 13.1745, 16.2389** is the 20% darker color. If you saturate the color by 10%, you get **30.7581, 26.5879, 33.0452**, and if you desaturate by 10%, it is **37.5528, 37.8242, 42.5639**.

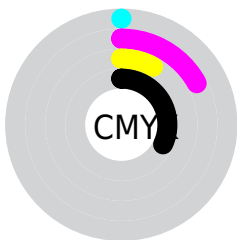
Distribution



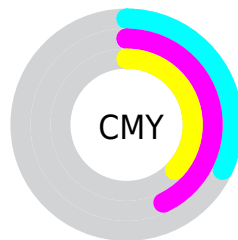
- Red (68%)
- Green (57%)
- Blue (63%)



- Red (68%)
- Yellow (57%)
- Blue (63%)



- Cyan (0%)
- Magenta (17%)
- Yellow (8%)
- Black (32%)





- Cyan (32%)
- Magenta (43%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.9261, 31.7875, 37.6052 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 33.9261, 31.7875, 37.6052 by changing the saturation by 10% instead.


 33.9261, 31.7875,
37.6052


 33.9261, 31.7875,
37.6052


311.3941,
310.1501, 351.1706

 22.9995, 21.1992,
25.3770


 65.1638, 62.4778,
72.6993

 14.7138, 13.2697,
16.1366


 86.2055, 83.3486,
96.4023

 8.7038, 7.6145,
9.4654


111.3497,
108.4158, 124.7672

 4.6040, 3.8493,
4.9451

140.9616,
138.0637, 158.2127

 2.0492, 1.5896,
2.1569

175.4067,
172.6766, 197.1572

 0.6614, 0.3506,
0.6493

215.0502,

 0.0000, 0.0000,

212.6391, 242.0193

0.0000

260.2576,
258.3355, 293.2176

■ 33.9261, 31.7875,
37.6052

■ 33.9261, 31.7875,
37.6052

■ 30.7581, 26.5879,
33.0452

■ 37.5528, 37.8242,
42.5639

■ 28.0267, 22.1839,
28.8705

■ 41.6537, 44.7288,
47.9301

■ 25.7119, 18.5367,
25.0700

■ 46.2469, 52.5355,
53.7146

■ 23.7909, 15.6025,
21.6310

■ 51.3488, 61.2757,
59.9274

■ 22.2388, 13.3332,
18.5399

■ 56.9749, 70.9790,
66.5779

■ 21.0275, 11.6744,
15.7818

■ 63.1402, 81.6739,
73.6753

■ 20.1247, 10.5631,
13.3402

■ 65.9766, 85.6231,
79.9344

■ 19.4854, 9.9114,
11.1942

■ 67.1096, 86.0763,
85.9011

■ 19.3009, 9.7368,
10.5332

■ 68.2993, 86.5522,
92.1659

Harmonies

Analogous

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



32.8713, 31.7875, 42.8207



33.9261, 31.7875, 37.6052



33.9585, 31.7875, 32.0840

Triad

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



33.9261, 31.7875, 37.6052



29.3172, 31.7875, 25.2898



27.6250, 31.7875, 42.5510

Complementary

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



33.9261, 31.7875, 37.6052



33.0723, 38.7959, 38.5479

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.



26.7537, 31.7875, 37.2677



33.9261, 31.7875, 37.6052



27.7022, 31.7875, 27.5243

Square

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



33.9261, 31.7875, 37.6052



31.2412, 31.7875, 25.3594



26.7813, 31.7875, 31.7805



29.2078, 31.7875, 45.8770

Rectangle

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



33.9261, 31.7875, 37.6052



33.3924, 31.7875, 28.9851



26.7813, 31.7875, 31.7805



27.2422, 31.7875, 40.9219

Sweetspot

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



33.9270, 31.7889, 37.6059



69.2310, 70.4767, 78.6908



31.9723, 30.6316, 44.2722



15.2785, 15.4817, 17.3452



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.



33.9270, 31.7889, 37.6059



59.3245, 54.0082, 65.0779



32.7678, 31.3252, 31.5015



8.1717, 8.0819, 9.2149



14.0290, 7.0742, 7.7984



0.4178, 0.2078, 0.3617

Inverse Universe

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



33.9270, 31.7889, 37.6059



59.3245, 54.0082, 65.0779



34.3601, 39.3110, 45.3294



8.1717, 8.0819, 9.2149



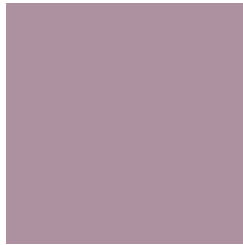
14.0290, 7.0742, 7.7984



0.4178, 0.2078, 0.3617

Previews

White Background



This preview shows how the XYZ color 33.9261, 31.7875, 37.6052 looks on a white background.

Color Contrast Check

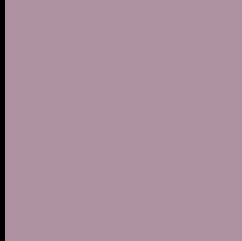
Large Text (above 18pt) WCAG AA × Fail

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 33.9261, 31.7875, 37.6052 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 33.9261, 31.7875, 37.6052

Background



This preview shows how black text looks on a background with the XYZ color 33.9261, 31.7875, 37.6052.



This preview shows how white text looks on a background with the XYZ color 33.9261, 31.7875,

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

33.9261, 31.7875, 37.6052

Protanopia

31.0659, 31.9091, 39.6437

Deuteranopia

32.3650, 31.6823, 37.2104



Tritanopia

33.8202, 31.9908, 36.2906

Trichromacy



Original Color

33.9261, 31.7875, 37.6052

Protanomaly

32.0562, 31.7163, 39.0826

Deuteranomaly

32.8402, 31.6955, 37.1879

Tritanomaly

33.9060, 32.0251, 36.7422

Monochromacy



Original Color

33.9261, 31.7875, 37.6052

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

32.0527, 32.2489, 36.4336

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.9261, 31.7875, 37.6052 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(174, 145, 160)` looks like.

```
.text, #text, p{  
    color:rgb(174, 145, 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(174, 145, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 145, 160) }
```

Border

The CSS property to change the border of an element to XYZ 33.9261, 31.7875, 37.6052 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(174, 145, 160) }
```


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

```
.border{ border-color:rgb(174, 145, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 145, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 145, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 145, 160);  
box-shadow:4px 4px 4px 4px rgb(174, 145,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 33.9261, 31.7875, 37.6052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 145, 160) }
```

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

```
.background{ background-color: rgb(174,  
145, 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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