

Converting Colors

XYZ(32.1411, 31.0952, 37.5657)

Have a look what the booklet for
XYZ(32.1411, 31.0952, 37.5657)
contains.

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Color

**XYZ(32.1411, 31.0952,
37.5657)**

Conversions

Conversions Part 1

Format	Color
Hex	A592A0
RGB	165, 146, 160
RGB Percent	65%, 57%, 63%
CMY	0.3529, 0.4274, 0.3725
CMYK	0.00, 0.12, 0.03, 0.35
HSL	316°, 10%, 61%
HSV	316°, 12%, 65%
XYZ	32.1411, 31.0952, 37.5657
YIQ	153.2770, 6.8300, 8.3820

Conversions

Conversions Part 2

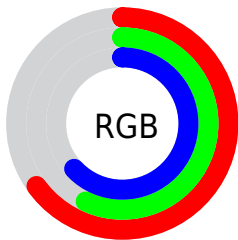
Format	Color
RYB	165, 146, 160
Decimal	10850976
CIELab	62.59, 9.60, -4.78
CIELCh	63, 10.727, 333.559
Yxy	31.0952, 0.3189, 0.3085
Android (android.graphics.Color)	4289041056 (0xFFA592A0)
YUV	153.2770, 3.3144, 10.2811
Hunter-Lab	55.7631, 5.2997, -0.9075

Details

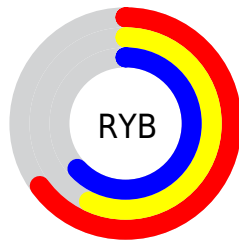
The XYZ color **32.1411, 31.0952, 37.5657** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.8963, 35.2564, 34.4566**, and the grayscale version is **30.3836, 31.9659, 34.8109**.

A 20% lighter version of the original color is **62.4352, 61.4305, 72.8566**, and **13.6626, 12.7993, 16.2184** is the 20% darker color. If you saturate the color by 10%, you get **29.4059, 26.2218, 34.8125**, and if you desaturate by 10%, it is **35.2585, 36.7108, 40.5125**.

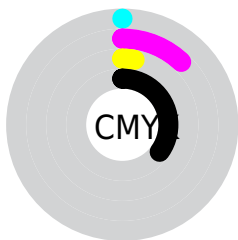
Distribution



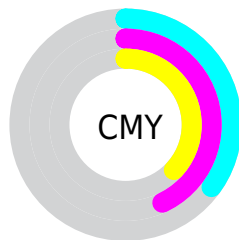
- Red (65%)
- Green (57%)
- Blue (63%)



- Red (65%)
- Yellow (57%)
- Blue (63%)



- Cyan (0%)
- Magenta (12%)
- Yellow (3%)
- Black (35%)



- Cyan (35%)
- Magenta (43%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.1411, 31.0952, 37.5657 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 32.1411, 31.0952, 37.5657 by changing the saturation by 10% instead.

■ 32.1411, 31.0952,
37.5657

■ 32.1411, 31.0952,
37.5657

303.4954,
306.9767, 350.9954

■ 21.6254, 20.6714,
25.3466

■ 62.3959, 61.3899,
72.6380

■ 13.6969, 12.8840,
16.1141

■ 82.8657, 82.0296,
96.3283

■ 7.9905, 7.3487,
9.4497

107.3843,
106.8433, 124.6793

■ 4.1406, 3.6811,
4.9348

136.3169,
136.2155, 158.1097

■ 1.7820, 1.4968,
2.1510

170.0290,
170.5305, 197.0380

■ 0.5068, 0.2865,
0.6459

208.8858,

■ 0.0000, 0.0000,

210.1728, 241.8826

0.0000

253.2529,
255.5267, 293.0623

■ 32.1411, 31.0952,
37.5657

■ 32.1411, 31.0952,
37.5657

■ 29.4059, 26.2218,
34.8125

■ 35.2585, 36.7108,
40.5125

■ 27.0344, 22.0552,
32.2450

■ 38.7702, 43.0941,
43.6566

■ 25.0106, 18.5631,
29.8575

■ 42.6912, 50.2743,
47.0038

■ 23.3161, 15.7093,
27.6433

■ 47.0348, 58.2778,
50.5593

■ 21.9311, 13.4538,
25.5951

■ 51.8136, 67.1298,
54.3279

■ 20.8331, 11.7524,
23.7046

■ 57.0400, 76.8546,
58.3143

■ 19.9970, 10.5547,
21.9627

■ 60.6153, 83.2546,
61.8196

■ 19.3926, 9.8009,
20.3588

■ 61.0985, 83.4479,
64.3641

■ 19.0037, 9.3940,
19.0859

■ 61.5959, 83.6469,
66.9837

Harmonies

Analogous

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



31.1345, 31.0952, 41.0102



32.1411, 31.0952, 37.5657



32.4469, 31.0952, 33.3607

Triad

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



32.1411, 31.0952, 37.5657



29.3811, 31.0952, 26.4490



27.2765, 31.0952, 38.5000

Complementary

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



32.1411, 31.0952, 37.5657



30.8963, 35.2564, 34.4566

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.



26.8403, 31.0952, 34.3590



32.1411, 31.0952, 37.5657



28.0299, 31.0952, 27.5888

Square

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



32.1411, 31.0952, 37.5657



30.8230, 31.0952, 27.1556



27.1116, 31.0952, 30.4015



28.3224, 31.0952, 41.5800

Rectangle

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



32.1411, 31.0952, 37.5657



32.2043, 31.0952, 30.7440



27.1116, 31.0952, 30.4015



27.0553, 31.0952, 37.1742

Sweetspot

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



32.1420, 31.0966, 37.5664



62.2387, 64.1071, 71.7179



29.7879, 29.8314, 39.7858



13.5075, 13.8360, 15.5869



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



32.1420, 31.0966, 37.5664



56.1525, 53.1666, 65.8911



31.3626, 30.7848, 33.4623



7.2844, 7.1702, 8.4838



14.3977, 7.1151, 14.5507



0.3203, 0.1566, 0.3993

Inverse Universe

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



32.1420, 31.0966, 37.5664



56.1525, 53.1666, 65.8911



31.6773, 35.5688, 38.5692



7.2844, 7.1702, 8.4838



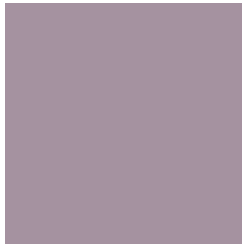
14.3977, 7.1151, 14.5507



0.3203, 0.1566, 0.3993

Previews

White Background



This preview shows how the XYZ color 32.1411, 31.0952, 37.5657 looks on a white background.

Color Contrast Check

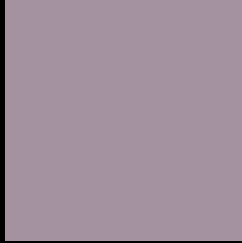
Large Text (above 18pt) WCAG AA × Fail

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 32.1411, 31.0952, 37.5657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

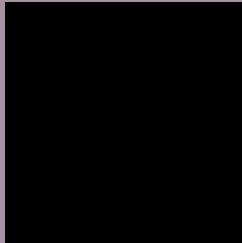
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.1411, 31.0952, 37.5657

Background



This preview shows how black text looks on a background with the XYZ color 32.1411, 31.0952, 37.5657.



This preview shows how white text looks on a background with the XYZ color 32.1411, 31.0952,

37.5657.

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

32.1411, 31.0952, 37.5657

Protanopia

30.2797, 31.0363, 39.0450

Deuteranopia

31.6792, 31.0869, 37.5884



Tritanopia

31.9675, 31.0257, 36.6514

Trichromacy



Original Color

32.1411, 31.0952, 37.5657

Protanomaly

30.9793, 31.1714, 38.5663

Deuteranomaly

31.8831, 31.1920, 37.5979

Tritanomaly

32.0539, 31.0603, 37.1067

Monochromacy



Original Color

32.1411, 31.0952, 37.5657

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.8117, 31.3811, 35.8857

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1411, 31.0952, 37.5657 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(165, 146, 160)` looks like.

```
.text, #text, p{  
    color:rgb(165, 146, 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(165, 146, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 146, 160) }
```

Border

The CSS property to change the border of an element to XYZ 32.1411, 31.0952, 37.5657 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(165, 146, 160) }
```


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

```
.border{ border-color:rgb(165, 146, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 146, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 146, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 146, 160);  
box-shadow:4px 4px 4px 4px rgb(165, 146,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1411, 31.0952, 37.5657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 146, 160) }
```

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

```
.background{ background-color: rgb(165,  
146, 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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