

Converting Colors

XYZ(32.4577, 31.5999, 37.0052)

Have a look what the booklet for
XYZ(32.4577, 31.5999, 37.0052)
contains.

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Color

**XYZ(32.4176, 31.4776,
37.1681)**

Conversions

Conversions Part 1

Format	Color
Hex	A6939F
RGB	166, 147, 159
RGB Percent	65%, 58%, 62%
CMY	0.3490, 0.4235, 0.3765
CMYK	0.00, 0.11, 0.04, 0.35
HSL	322°, 10%, 61%
HSV	322°, 11%, 65%
XYZ	32.4176, 31.4776, 37.1681
YIQ	154.0490, 7.4720, 7.7600

Conversions

Conversions Part 2

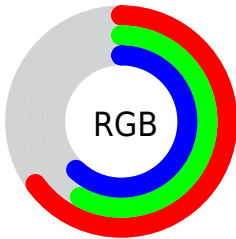
Format	Color
R _{YB}	166, 147, 159
Decimal	10916767
CIE Lab	62.91, 9.22, -3.73
CIE LCh	63, 9.943, 337.987
Yxy	31.4776, 0.3208, 0.3115
Android (android.graphics.Color)	4289106847 (0xFFA6939F)
YUV	154.0490, 2.4408, 10.4810
Hunter-Lab	56.1049, 4.9543, -0.0047

Details

The XYZ color **32.4176, 31.4776, 37.1681** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.5028, 35.8094, 35.8250**, and the grayscale version is **30.7247, 32.3248, 35.2017**.

A 20% lighter version of the original color is **62.8430, 62.0005, 72.2734**, and **13.8291, 13.0259, 15.9727** is the 20% darker color. If you saturate the color by 10%, you get **29.5028, 26.4761, 33.6424**, and if you desaturate by 10%, it is **35.7330, 37.2374, 40.9577**.

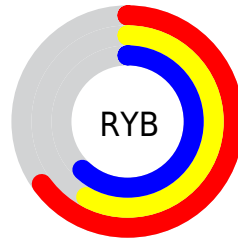
Distribution



Red (65%)

Green (58%)

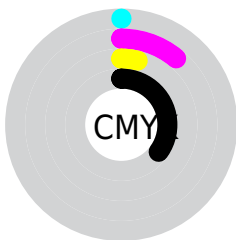
Blue (62%)



Red (65%)

Yellow (58%)

Blue (62%)

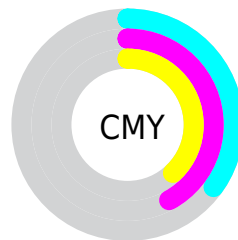


Cyan (0%)

Magenta (11%)

Yellow (4%)

Black (35%)



Cyan (35%)

Magenta (42%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.4176, 31.4776, 37.1681 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 32.4176, 31.4776, 37.1681 by changing the saturation by 10% instead.

■ 32.4176, 31.4776,
37.1681

■ 32.4176, 31.4776,
37.1681

304.7288,
308.7326, 349.2283

■ 21.8378, 20.9628,
25.0409

■ 62.8260, 61.9912,
72.0205

■ 13.8537, 13.0968,
15.8882

■ 83.3852, 82.7588,
95.5827

■ 8.1000, 7.4952,
9.2916

108.0016,
107.7129, 123.7936

■ 4.2113, 3.7737,
4.8325

137.0406,
137.2377, 157.0718

■ 1.8224, 1.5478,
2.0923

170.8674,
171.7176, 195.8359

■ 0.5311, 0.3220,
0.6112

209.8475,

■ 0.0000, 0.0000,

211.5372, 240.5043

0.0000

254.3462,
257.0807, 291.4956

■ 32.4176, 31.4776,
37.1681

■ 32.4176, 31.4776,
37.1681

■ 29.5028, 26.4761,
33.6424

■ 35.7330, 37.2374,
40.9577

■ 26.9695, 22.1968,
30.3712

■ 39.4616, 43.7813,
45.0161

■ 24.8014, 18.6069,
27.3477

■ 43.6188, 51.1391,
49.3506

■ 22.9796, 15.6694,
24.5635

■ 48.2182, 59.3376,
53.9674

■ 21.4835, 13.3438,
22.0098

■ 53.2730, 68.4027,
58.8727

■ 20.2903, 11.5851,
19.6770

■ 58.7958, 78.3589,
64.0723

■ 19.3741, 10.3421,
17.5543

■ 62.1252, 83.8827,
68.6807

■ 18.7040, 9.5539,
15.6294

■ 62.8632, 84.1779,
72.5670

■ 18.2674, 9.1236,
14.1182

■ 63.6302, 84.4848,
76.6061

Harmonies

Analogous

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



31.5627, 31.4776, 40.5439



32.4176, 31.4776, 37.1681



32.5928, 31.4776, 33.2401

Triad

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



32.4176, 31.4776, 37.1681



29.5554, 31.4776, 27.3578



27.8978, 31.4776, 39.1100

Complementary

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



32.4176, 31.4776, 37.1681



31.5028, 35.8094, 35.8250

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.



27.3946, 31.4776, 35.3286



32.4176, 31.4776, 37.1681



28.3325, 31.4776, 28.6858

Square

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



32.4176, 31.4776, 37.1681



30.9128, 31.4776, 27.7684



27.5513, 31.4776, 31.5337



28.9458, 31.4776, 41.7231

Rectangle

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



32.4176, 31.4776, 37.1681



32.2958, 31.4776, 30.8669



27.5513, 31.4776, 31.5337



27.6608, 31.4776, 37.9225

Sweetspot

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



32.4185, 31.4790, 37.1688



63.8316, 65.8021, 73.1924



30.6380, 30.4889, 40.3470



14.1740, 14.5330, 16.2549



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.



32.4185, 31.4790, 37.1688



57.2736, 54.4374, 65.6070



31.6282, 31.1628, 33.0070



7.7229, 7.6190, 8.8579



14.1883, 7.0841, 11.0693



0.3686, 0.1817, 0.3925

Inverse Universe

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



32.4185, 31.4790, 37.1688



57.2736, 54.4374, 65.6070



32.3226, 36.1373, 40.1422



7.7229, 7.6190, 8.8579



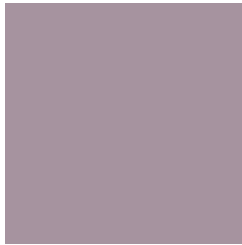
14.1883, 7.0841, 11.0693



0.3686, 0.1817, 0.3925

Previews

White Background



This preview shows how the XYZ color 32.4176, 31.4776, 37.1681 looks on a white background.

Color Contrast Check

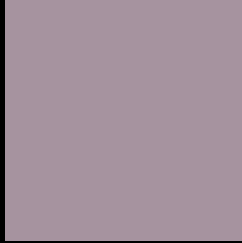
Large Text (above 18pt) WCAG AA × Fail

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 32.4176, 31.4776, 37.1681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

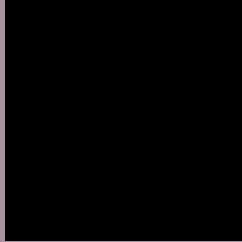
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.4176, 31.4776, 37.1681

Background



This preview shows how black text looks on a background with the XYZ color 32.4176, 31.4776, 37.1681.



This preview shows how white text looks on a background with the XYZ color 32.4176, 31.4776,

37.1681.

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

32.4176, 31.4776, 37.1681

Protanopia

30.5371, 31.4173, 38.6371

Deuteranopia

32.1578, 31.5755, 37.2007



Tritanopia

32.4176, 31.4776, 37.1681

Trichromacy



Original Color

32.4176, 31.4776, 37.1681

Protanomaly

31.2440, 31.5540, 38.1620

Deuteranomaly

32.3650, 31.6823, 37.2104

Tritanomaly

32.4176, 31.4776, 37.1681

Monochromacy



Original Color

32.4176, 31.4776, 37.1681

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

31.1679, 31.8026, 35.9483

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4176, 31.4776, 37.1681 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(166, 147, 159)` looks like.

```
.text, #text, p{  
    color:rgb(166, 147, 159)  
}
```

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(166, 147, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 147, 159) }
```

Border

The CSS property to change the border of an element to XYZ 32.4176, 31.4776, 37.1681 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(166, 147, 159) }
```


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

```
.border{ border-color:rgb(166, 147, 159) }
```

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

Here you see how a box with a 4 pixel rgb(166, 147, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 147, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 147, 159);  
box-shadow:4px 4px 4px 4px rgb(166, 147,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4176, 31.4776, 37.1681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 147, 159) }
```

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

```
.background{ background-color: rgb(166,  
147, 159) }
```

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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