

Converting Colors

XYZ(30.9423, 31.4202, 37.2379)

Have a look what the booklet for
XYZ(30.9423, 31.4202, 37.2379)
contains.

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Color

**XYZ(30.8747, 31.3838,
37.2313)**

Conversions

Conversions Part 1

Format	Color
Hex	9C969F
RGB	156, 150, 159
RGB Percent	61%, 59%, 62%
CMY	0.3882, 0.4118, 0.3765
CMYK	0.02, 0.06, 0.00, 0.38
HSL	280°, 4%, 61%
HSV	280°, 6%, 62%
XYZ	30.8747, 31.3838, 37.2313
YIQ	152.8200, 0.6870, 4.0710

Conversions

Conversions Part 2

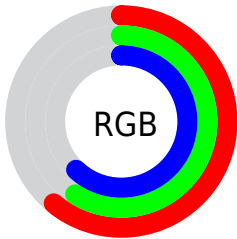
Format	Color
R_{YB}	156, 150, 159
Decimal	10262175
CIE Lab	62.83, 3.92, -3.94
CIE LCh	63, 5.561, 314.873
Yxy	31.3838, 0.3103, 0.3154
Android (android.graphics.Color)	4288452255 (0xFF9C969F)
YUV	152.8200, 3.0467, 2.7889
Hunter-Lab	56.0212, 0.3386, -0.1888

Details

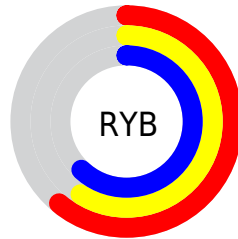
The XYZ color **30.8747, 31.3838, 37.2313** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.0411, 33.7714, 33.7382**, and the grayscale version is **30.1878, 31.7599, 34.5865**.

A 20% lighter version of the original color is **60.3088, 61.7424, 72.3572**, and **12.9943, 13.0096, 16.0136** is the 20% darker color. If you saturate the color by 10%, you get **27.5045, 26.1328, 36.3958**, and if you desaturate by 10%, it is **34.6357, 37.3492, 38.1850**.

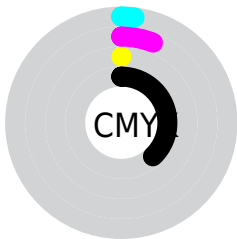
Distribution



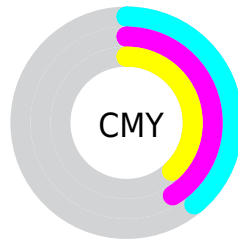
- Red (61%)
- Green (59%)
- Blue (62%)



- Red (61%)
- Yellow (59%)
- Blue (62%)



- Cyan (2%)
- Magenta (6%)
- Yellow (0%)
- Black (38%)



- Cyan (39%)
- Magenta (41%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.8747, 31.3838, 37.2313 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 30.8747, 31.3838, 37.2313 by changing the saturation by 10% instead.

■ 30.8747, 31.3838,
37.2313

■ 30.8747, 31.3838,
37.2313

297.7978,
308.3026, 349.5096

■ 20.6548, 20.8913,
25.0894

■ 60.4199, 61.8438,
72.1187

■ 12.9829, 13.0446,
15.9241

■ 80.4760, 82.5801,
95.7013

■ 7.4937, 7.4592,
9.3167

104.5415,
107.4998, 123.9345

■ 3.8218, 3.7509,
4.8487

132.9817,
136.9872, 157.2370

■ 1.6018, 1.5352,
2.1016

166.1622,
171.4268, 196.0272

■ 0.3936, 0.3133,
0.6167

204.4481,

■ 0.0000, 0.0000,

211.2030, 240.7237

0.0000

248.2049,
256.7001, 291.7450

■ 30.8747, 31.3838,
37.2313

■ 30.8747, 31.3838,
37.2313

■ 27.5045, 26.1328,
36.3958

■ 34.6357, 37.3492,
38.1850

■ 24.5082, 21.5642,
35.6720

■ 38.7985, 44.0511,
39.2592

■ 21.8713, 17.6498,
35.0554

■ 43.3767, 51.5159,
40.4587

■ 19.5774, 14.3576,
34.5408

■ 48.3827, 59.7673,
41.7876

■ 17.6089, 11.6530,
34.1225

■ 53.8281, 68.8280,
43.2495

■ 15.9462, 9.4978,
33.7942

■ 59.7242, 78.7197,
44.8480

■ 14.5674, 7.8494,
33.5487

■ 64.0377, 85.3747,
45.9052

■ 13.4475, 6.6586,
33.3778

■ 65.4144, 86.0845,
45.9696

■ 12.5533, 5.8597,
33.2708

■ 66.8401, 86.8194,
46.0363

Harmonies

Analogous

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



30.2069, 31.3838, 38.3882



30.8747, 31.3838, 37.2313



31.2657, 31.3838, 35.2780

Triad

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



30.8747, 31.3838, 37.2313



30.2132, 31.3838, 30.2802



28.4361, 31.3838, 35.2596

Complementary

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



30.8747, 31.3838, 37.2313



31.0411, 33.7714, 33.7382

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.



28.4377, 31.3838, 33.0886



30.8747, 31.3838, 37.2313



29.4550, 31.3838, 30.2757

Square

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



30.8747, 31.3838, 37.2313



30.8794, 31.3838, 31.2968



28.8079, 31.3838, 31.2843



28.8034, 31.3838, 37.2173

Rectangle

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



30.8747, 31.3838, 37.2313



31.3126, 31.3838, 33.8166



28.8079, 31.3838, 31.2843



28.3937, 31.3838, 34.5292

Sweetspot

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



30.8756, 31.3851, 37.2320



57.6510, 59.9247, 67.2715



30.2527, 31.8201, 37.3488



13.0152, 13.5382, 15.1708



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



30.8756, 31.3851, 37.2320



54.3613, 54.7414, 66.4444



31.3468, 31.6415, 36.6459



6.8335, 6.8698, 8.3725



9.6822, 4.4204, 26.2501



0.2160, 0.1012, 0.4714

Inverse Universe

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



30.9552, 31.4849, 34.5840



54.5442, 54.9673, 60.5052



30.5913, 33.5269, 34.2878



6.8575, 6.8993, 7.5972



11.8185, 6.0320, 3.2953



0.2299, 0.1153, 0.1566

Previews

White Background



This preview shows how the XYZ color 30.8747, 31.3838, 37.2313 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 30.8747, 31.3838, 37.2313 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 30.8747, 31.3838, 37.2313

Background



This preview shows how black text looks on a background with the XYZ color 30.8747, 31.3838, 37.2313.



This preview shows how white text looks on a background with the XYZ color 30.8747, 31.3838,

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

30.8747, 31.3838, 37.2313

Protanopia

30.3607, 31.3467, 37.7080

Deuteranopia

31.8831, 31.1920, 37.5979



Tritanopia

31.0497, 31.4538, 38.1529

Trichromacy



Original Color

30.8747, 31.3838, 37.2313

Protanomaly

30.5486, 31.4436, 37.7168

Deuteranomaly

31.4323, 31.1915, 37.6216

Tritanomaly

30.9618, 31.4187, 37.6903

Monochromacy



Original Color

30.8747, 31.3838, 37.2313

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.4711, 31.6931, 35.5217

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.8747, 31.3838, 37.2313 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(156, 150, 159)` looks like.

```
.text, #text, p{  
    color:rgb(156, 150, 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(156, 150, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 150, 159) }
```

Border

The CSS property to change the border of an element to XYZ 30.8747, 31.3838, 37.2313 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(156, 150, 159) }
```


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

```
.border{ border-color:rgb(156, 150, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 150, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 150, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 150, 159);  
box-shadow:4px 4px 4px 4px rgb(156, 150,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 30.8747, 31.3838, 37.2313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 150, 159) }
```

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

```
.background{ background-color: rgb(156,  
150, 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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