

Converting Colors

XYZ(30.7778, 31.7572, 37.4084)

Have a look what the booklet for
XYZ(30.7778, 31.7572, 37.4084)
contains.

XYZ(30.8127, 31.8297, 37.3206)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(30.8127, 31.8297,
37.3206)**

Conversions

Conversions Part 1

Format	Color
Hex	9A989F
RGB	154, 152, 159
RGB Percent	60%, 60%, 62%
CMY	0.3961, 0.4039, 0.3765
CMYK	0.03, 0.04, 0.00, 0.38
HSL	257°, 4%, 61%
HSV	257°, 4%, 62%
XYZ	30.8127, 31.8297, 37.3206
YIQ	153.3960, -1.0550, 2.6010

Conversions

Conversions Part 2

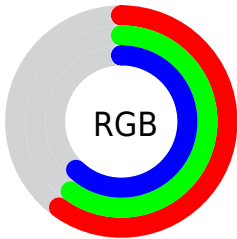
Format	Color
RYB	154, 152, 159
Decimal	10131615
CIELab	63.20, 2.09, -3.41
CIELCh	63, 4.002, 301.510
Yxy	31.8297, 0.3082, 0.3184
Android (android.graphics.Color)	4288321695 (0xFF9A989F)
YUV	153.3960, 2.7628, 0.5297
Hunter-Lab	56.4178, -1.2431, 0.2719

Details

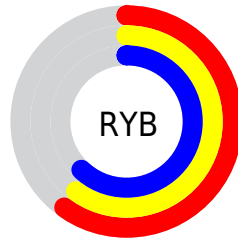
The XYZ color **30.8127, 31.8297, 37.3206** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.9714, 34.2322, 34.6297**, and the grayscale version is **30.4403, 32.0255, 34.8758**.

A 20% lighter version of the original color is **60.2213, 62.4075, 72.4902**, and **12.9540, 13.2736, 16.0667** is the 20% darker color. If you saturate the color by 10%, you get **26.3424, 25.9484, 36.4215**, and if you desaturate by 10%, it is **35.8354, 38.5112, 38.3460**.

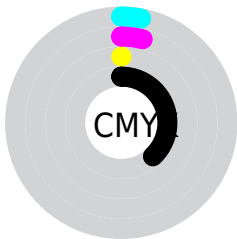
Distribution



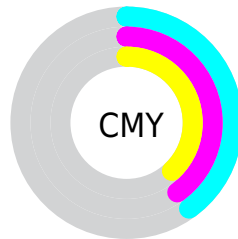
- Red (60%)
- Green (60%)
- Blue (62%)



- Red (60%)
- Yellow (60%)
- Blue (62%)



- Cyan (3%)
- Magenta (4%)
- Yellow (0%)
- Black (38%)



- Cyan (40%)
- Magenta (40%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.8127, 31.8297, 37.3206 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 30.8127, 31.8297, 37.3206 by changing the saturation by 10% instead.

■ 30.8127, 31.8297,
37.3206

■ 30.8127, 31.8297,
37.3206

297.5168,
310.3428, 349.9069

■ 20.6074, 21.2315,
25.1581

■ 60.3229, 62.5440,
72.2574

■ 12.9481, 13.2933,
15.9748

■ 80.3585, 83.4289,
95.8688

■ 7.4696, 7.6308,
9.3521

104.4016,
108.5114, 124.1336

■ 3.8064, 3.8596,
4.8716

132.8176,
138.1760, 157.4702

■ 1.5932, 1.5954,
2.1147

165.9717,
172.8070, 196.2974

■ 0.3880, 0.3545,
0.6245

204.2294,

■ 0.0000, 0.0000,

212.7889, 241.0335

0.0000

247.9560,
258.5060, 292.0971

■ 30.8127, 31.8297,
37.3206

■ 30.8127, 31.8297,
37.3206

■ 26.3424, 25.9484,
36.4215

■ 35.8354, 38.5112,
38.3460

■ 22.4026, 20.8329,
35.6417

■ 41.4262, 46.0173,
39.5002

■ 18.9736, 16.4524,
34.9769

■ 47.6034, 54.3767,
40.7881

■ 16.0336, 12.7724,
34.4216

■ 54.3838, 63.6152,
42.2140

■ 13.5591, 9.7556,
33.9697

■ 61.7833, 73.7577,
43.7817

■ 11.5245, 7.3611,
33.6148

■ 69.8174, 84.8280,
45.4950

■ 9.9017, 5.5435,
33.3495

■ 75.7942, 91.4355,
46.4554

■ 8.6589, 4.2507,
33.1654

■ 79.6346, 93.4153,
46.6351

■ 7.7584, 3.4201,
33.0526

■ 83.2581, 95.2832,
46.8047

Harmonies

Analogous

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



30.2812, 31.8297, 37.7935



30.8127, 31.8297, 37.3206



31.1980, 31.8297, 36.1312

Triad

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



30.8127, 31.8297, 37.3206



30.7636, 31.8297, 32.0472



29.2019, 31.8297, 34.7375

Complementary

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



30.8127, 31.8297, 37.3206



31.9714, 34.2322, 34.6297

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.



29.3276, 31.8297, 33.2237



30.8127, 31.8297, 37.3206



30.2252, 31.8297, 31.6992

Square

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



30.8127, 31.8297, 37.3206



31.1694, 31.8297, 33.0887



29.7005, 31.8297, 32.1235



29.3551, 31.8297, 36.2743

Rectangle

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



30.8127, 31.8297, 37.3206



31.3178, 31.8297, 35.1090



29.7005, 31.8297, 32.1235



29.2130, 31.8297, 34.2092

Sweetspot

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



30.8136, 31.8311, 37.3213



58.1131, 60.8891, 67.4333



31.2678, 33.2992, 37.5807



13.1134, 13.7431, 15.2052



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.



30.8136, 31.8311, 37.3213



54.5963, 56.2288, 66.7192



31.4864, 32.1779, 37.3528



6.8361, 7.0266, 8.4026



5.8481, 2.4438, 26.0707



0.1431, 0.0635, 0.4680

Inverse Universe

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



31.6132, 32.2631, 36.4610



56.2481, 57.1215, 64.9374



31.3013, 33.8867, 34.5984



7.0622, 7.1488, 8.1583



13.6929, 6.7817, 13.1656



0.2619, 0.1281, 0.3255

Previews

White Background



This preview shows how the XYZ color 30.8127, 31.8297, 37.3206 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 30.8127, 31.8297, 37.3206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

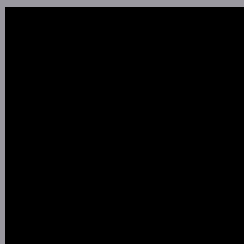
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.8127, 31.8297, 37.3206

Background



This preview shows how black text looks on a background with the XYZ color 30.8127, 31.8297, 37.3206.



This preview shows how white text looks on a background with the XYZ color 30.8127, 31.8297,

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

30.8127, 31.8297, 37.3206

Protanopia

30.8127, 31.8297, 37.3206

Deuteranopia

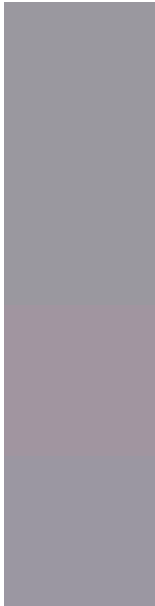
32.4521, 31.7172, 37.6693



Tritanopia

31.1950, 31.7461, 39.1338

Trichromacy



Original Color

30.8127, 31.8297, 37.3206

Protanomaly

30.8127, 31.8297, 37.3206

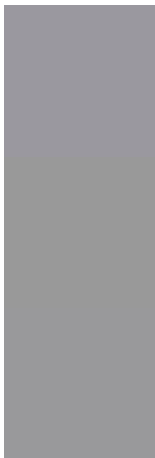
Deuteranomaly

31.7906, 31.6100, 37.6835

Tritanomaly

31.1058, 31.7104, 38.6637

Monochromacy



Original Color

30.8127, 31.8297, 37.3206

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.4445, 31.9213, 35.5672

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.8127, 31.8297, 37.3206 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(154, 152, 159) looks like.

```
.text, #text, p{  
    color:rgb(154, 152, 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(154, 152, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 152, 159) }
```

Border

The CSS property to change the border of an element to XYZ 30.8127, 31.8297, 37.3206 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(154, 152, 159) }
```


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

```
.border{ border-color:rgb(154, 152, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 152, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 152, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 152, 159);  
box-shadow:4px 4px 4px 4px rgb(154, 152,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 30.8127, 31.8297, 37.3206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 152, 159) }
```

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

```
.background{ background-color: rgb(154,  
152, 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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