

Converting Colors

XYZ(31.2612, 30.9546, 35.6318)

Have a look what the booklet for
XYZ(31.2612, 30.9546, 35.6318)
contains.

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Color

**XYZ(31.3348, 30.9491,
35.7747)**

Conversions

Conversions Part 1

Format	Color
Hex	A2939C
RGB	162, 147, 156
RGB Percent	64%, 58%, 61%
CMY	0.3647, 0.4235, 0.3882
CMYK	0.00, 0.09, 0.04, 0.36
HSL	324°, 7%, 61%
HSV	324°, 9%, 64%
XYZ	31.3348, 30.9491, 35.7747
YIQ	152.5110, 6.0510, 5.9790

Conversions

Conversions Part 2

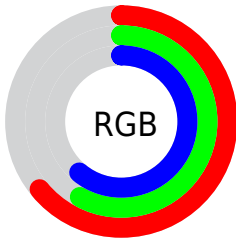
Format	Color
RYB	162, 147, 156
Decimal	10654620
CIELab	62.46, 7.20, -2.72
CIELCh	62, 7.697, 339.277
Yxy	30.9491, 0.3196, 0.3156
Android (android.graphics.Color)	4288844700 (0xFFA2939C)
YUV	152.5110, 1.7201, 8.3219
Hunter-Lab	55.6319, 3.1847, 0.8153

Details

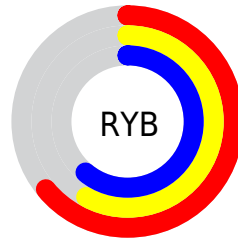
The XYZ color **31.3348, 30.9491, 35.7747** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.7040, 34.3446, 35.1497**, and the grayscale version is **30.0576, 31.6230, 34.4374**.

A 20% lighter version of the original color is **61.1348, 61.1781, 69.5592**, and **13.1631, 12.7007, 15.1223** is the 20% darker color. If you saturate the color by 10%, you get **28.4569, 26.0480, 32.1796**, and if you desaturate by 10%, it is **34.5985, 36.5742, 39.6437**.

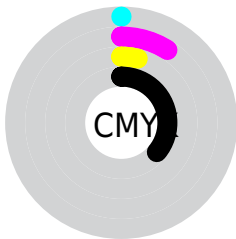
Distribution



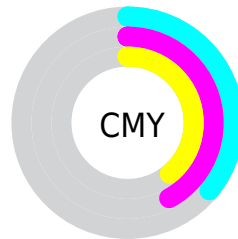
- Red (64%)
- Green (58%)
- Blue (61%)



- Red (64%)
- Yellow (58%)
- Blue (61%)



- Cyan (0%)
- Magenta (9%)
- Yellow (4%)
- Black (36%)



- Cyan (36%)
- Magenta (42%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.3348, 30.9491, 35.7747 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 31.3348, 30.9491, 35.7747 by changing the saturation by 10% instead.

■ 31.3348, 30.9491,
35.7747

■ 31.3348, 30.9491,
35.7747

299.8772,
306.3038, 342.9823

■ 21.0070, 20.5601,
23.9719

■ 61.1391, 61.1599,
69.8493

■ 13.2416, 12.8028,
15.1008

■ 81.3462, 81.7505,
92.9582

■ 7.6733, 7.2929,
8.7427

105.5772,
106.5105, 120.6729

■ 3.9366, 3.6460,
4.4793

134.1974,
135.8241, 153.4120

■ 1.6664, 1.4776,
1.8918

167.5722,
170.0759, 191.5939

■ 0.4351, 0.2729,
0.4875

206.0668,

■ 0.0000, 0.0000,

209.6501, 235.6372

0.0000

250.0467,
254.9313, 285.9605

■ 31.3348, 30.9491,
35.7747

■ 31.3348, 30.9491,
35.7747

■ 28.4569, 26.0480,
32.1796

■ 34.5985, 36.5742,
39.6437

■ 25.9470, 21.8371,
28.8491

■ 38.2598, 42.9471,
43.7915

■ 23.7897, 18.2860,
25.7761

■ 42.3330, 50.0957,
48.2255

■ 21.9675, 15.3605,
22.9525

■ 46.8311, 58.0451,
52.9520

■ 20.4614, 13.0233,
20.3695

■ 51.7664, 66.8192,
57.9772

■ 19.2502, 11.2329,
18.0177

■ 57.1507, 76.4412,
63.3071

■ 18.3102, 9.9426,
15.8865

■ 61.2469, 83.4361,
68.3645

■ 17.6136, 9.0975,
13.9640

■ 62.0277, 83.7484,
72.4756

■ 17.1025, 8.5832,
12.2284

■ 62.8409, 84.0737,
76.7584

Harmonies

Analogous

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



30.7060, 30.9491, 38.3495



31.3348, 30.9491, 35.7747



31.4430, 30.9491, 32.7796

Triad

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



31.3348, 30.9491, 35.7747



29.0936, 30.9491, 28.3348



27.8888, 30.9491, 37.4722

Complementary

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



31.3348, 30.9491, 35.7747



30.7040, 34.3446, 35.1497

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.



27.4784, 30.9491, 34.6341



31.3348, 30.9491, 35.7747



28.1630, 30.9491, 29.4393

Square

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



31.3348, 30.9491, 35.7747



30.1325, 30.9491, 28.6000



27.5775, 30.9491, 31.7039



28.7113, 30.9491, 39.3691

Rectangle

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



31.3348, 30.9491, 35.7747



31.2029, 30.9491, 30.9631



27.5775, 30.9491, 31.7039



27.6990, 30.9491, 36.5900

Sweetspot

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



31.3357, 30.9504, 35.7754



60.4761, 62.3605, 69.2421



30.0934, 30.2499, 38.4357



13.4771, 13.8238, 15.4268



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.



31.3357, 30.9504, 35.7754



55.8131, 54.3493, 63.6343



30.7201, 30.7042, 32.5338



7.2437, 7.1540, 8.2700



13.4672, 6.7429, 9.6508



0.3054, 0.1506, 0.3208

Inverse Universe

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



31.3357, 30.9504, 35.7754



55.8131, 54.3493, 63.6343



31.3430, 34.6002, 38.5148



7.2437, 7.1540, 8.2700



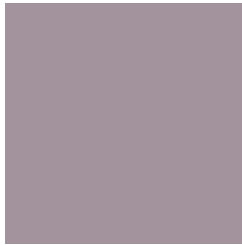
13.4672, 6.7429, 9.6508



0.3054, 0.1506, 0.3208

Previews

White Background



This preview shows how the XYZ color 31.3348, 30.9491, 35.7747 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 31.3348, 30.9491, 35.7747 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

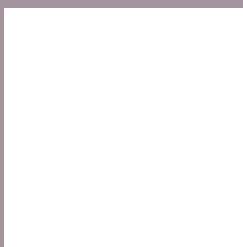
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.3348, 30.9491, 35.7747

Background



This preview shows how black text looks on a background with the XYZ color 31.3348, 30.9491, 35.7747.



This preview shows how white text looks on a background with the XYZ color 31.3348, 30.9491,

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

31.3348, 30.9491, 35.7747

Protanopia

30.0268, 30.9567, 36.7404

Deuteranopia

31.3839, 30.7446, 35.7327



Tritanopia

31.5056, 31.0174, 36.6742

Trichromacy



Original Color

31.3348, 30.9491, 35.7747

Protanomaly

30.5436, 30.9971, 36.2715

Deuteranomaly

31.3839, 30.7446, 35.7327

Tritanomaly

31.4198, 30.9831, 36.2226

Monochromacy



Original Color

31.3348, 30.9491, 35.7747

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.6096, 31.5342, 35.0453

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.3348, 30.9491, 35.7747 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(162, 147, 156)` looks like.

```
.text, #text, p{  
    color:rgb(162, 147, 156)  
}
```

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(162, 147, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 147, 156) }
```

Border

The CSS property to change the border of an element to XYZ 31.3348, 30.9491, 35.7747 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(162, 147, 156) }
```


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

```
.border{ border-color:rgb(162, 147, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 147, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 147, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 147, 156);  
box-shadow:4px 4px 4px 4px rgb(162, 147,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 31.3348, 30.9491, 35.7747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 147, 156) }
```

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

```
.background{ background-color: rgb(162,  
147, 156) }
```

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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