

Converting Colors

XYZ(31.4321, 32.5023, 28.0078)

Have a look what the booklet for
XYZ(31.4321, 32.5023, 28.0078)
contains.

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Color

**XYZ(31.5611, 32.6670,
27.9345)**

Conversions

Conversions Part 1

Format	Color
Hex	A69988
RGB	166, 153, 136
RGB Percent	65%, 60%, 53%
CMY	0.3490, 0.4000, 0.4667
CMYK	0.00, 0.08, 0.18, 0.35
HSL	34°, 14%, 59%
HSV	34°, 18%, 65%
XYZ	31.5611, 32.6670, 27.9345
YIQ	154.9490, 13.2050, -2.5310

Conversions

Conversions Part 2

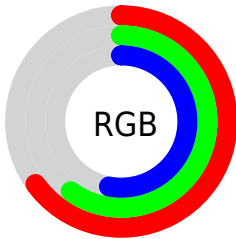
Format	Color
RYB	159, 166, 136
Decimal	10918280
CIELab	63.89, 1.88, 10.66
CIElCh	64, 10.823, 79.982
Yxy	32.6670, 0.3425, 0.3544
Android (android.graphics.Color)	4289108360 (0xFFA69988)
YUV	154.9490, -9.3419, 9.6917
Hunter-Lab	57.1551, -1.4534, 11.0306

Details

The XYZ color **31.5611, 32.6670, 27.9345** is a light color, and the websafe version is hex **999999**. A complement of this color would be **27.7837, 29.4819, 40.3030**, and the grayscale version is **31.1698, 32.7931, 35.7116**.

A 20% lighter version of the original color is **61.3169, 63.6719, 57.2023**, and **13.3705, 13.7520, 10.7538** is the 20% darker color. If you saturate the color by 10%, you get **29.3300, 29.9486, 21.8142**, and if you desaturate by 10%, it is **34.0477, 35.6034, 35.0423**.

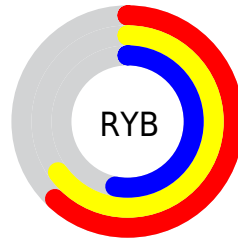
Distribution



Red (65%)

Green (60%)

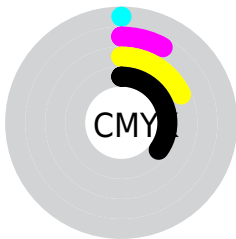
Blue (53%)



Red (62%)

Yellow (65%)

Blue (53%)

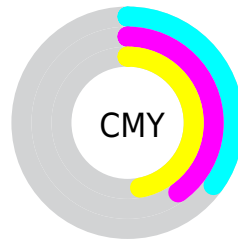


Cyan (0%)

Magenta (8%)

Yellow (18%)

Black (35%)



Cyan (35%)

Magenta (40%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.5611, 32.6670, 27.9345 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 31.5611, 32.6670, 27.9345 by changing the saturation by 10% instead.

■ 31.5611, 32.6670,
27.9345

■ 31.5611, 32.6670,
27.9345

300.8960,
314.1465, 306.0559

■ 21.1804, 21.8715,
18.0377

■ 61.4922, 63.8553,
57.4017

■ 13.3691, 13.7625,
10.8073

■ 81.7734, 85.0168,
77.8091

■ 7.7620, 7.9557,
5.8249

■ 106.0854,
110.4025, 102.5572

■ 3.9935, 4.0666,
2.6718

134.7937,
140.3967, 132.0645

■ 1.6985, 1.7109,
0.9292

168.2635,
175.3838, 166.7494

■ 0.4553, 0.4307,
0.0000

206.8602,

■ 0.0000, 0.0000,

215.7482, 207.0306

0.0000

250.9493,
261.8743, 253.3266

■ 31.5611, 32.6670,
27.9345

■ 31.5611, 32.6670,
27.9345

■ 29.3300, 29.9486,
21.8142

■ 34.0477, 35.6034,
35.0423

■ 27.3420, 27.4379,
16.6347

■ 36.7963, 38.7589,
43.1772

■ 25.5879, 25.1302,
12.3486

■ 39.8161, 42.1402,
52.3792

■ 24.0564, 23.0190,
8.9037

■ 43.1155, 45.7526,
62.6855

■ 22.7352, 21.0972,
6.2422

■ 46.7021, 49.6008,
74.1315

■ 21.6108, 19.3572,
4.2986

■ 50.5834, 53.6897,
86.7510

■ 20.6672, 17.7902,
2.9971

■ 54.7666, 58.0238,
100.5765

■ 19.8783, 16.3834,
2.2065

■ 56.9557, 61.6864,
103.5125

■ 19.7362, 16.1273,
2.0727

■ 58.7775, 65.3299,
104.1198

Harmonies

Analogous

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



32.9699, 32.6670, 29.5262



31.5611, 32.6670, 27.9345



30.0593, 32.6670, 28.2565

Triad

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



31.5611, 32.6670, 27.9345



28.3781, 32.6670, 38.5116



33.3455, 32.6670, 41.2374

Complementary

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



31.5611, 32.6670, 27.9345



27.7837, 29.4819, 40.3030

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.



32.0602, 32.6670, 44.0449



31.5611, 32.6670, 27.9345



29.2042, 32.6670, 42.3842

Square

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



31.5611, 32.6670, 27.9345



28.2543, 32.6670, 34.1300



30.5425, 32.6670, 44.4809



34.0222, 32.6670, 37.0475

Rectangle

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



31.5611, 32.6670, 27.9345



29.2056, 32.6670, 29.5232



30.5425, 32.6670, 44.4809



32.9684, 32.6670, 42.3881

Sweetspot

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



31.5620, 32.6685, 27.9352



63.2281, 66.2798, 67.7976



29.9553, 27.8857, 32.2379



14.0755, 14.7470, 14.9552



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.



31.5620, 32.6685, 27.9352



55.4690, 57.1014, 45.6663



33.3904, 36.9430, 28.6639



7.8706, 8.2213, 7.9613



15.3514, 12.6000, 1.6229



0.4229, 0.4054, 0.0560

Inverse Universe

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



27.7837, 29.4819, 40.3030



47.2217, 50.1464, 72.6656



26.1688, 25.7653, 39.6708



7.3891, 7.8152, 9.5374



7.1751, 5.8103, 28.7188



0.2258, 0.2438, 0.7158

Previews

White Background



This preview shows how the XYZ color 31.5611, 32.6670, 27.9345 looks on a white background.

Color Contrast Check

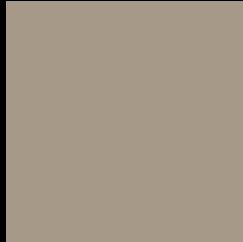
Large Text (above 18pt) WCAG AA × Fail

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 31.5611, 32.6670, 27.9345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

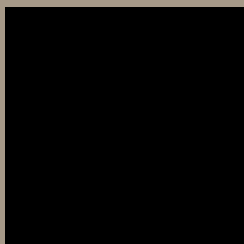
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 31.5611, 32.6670, 27.9345

Background



This preview shows how black text looks on a background with the XYZ color 31.5611, 32.6670, 27.9345.



This preview shows how white text looks on a background with the XYZ color 31.5611, 32.6670,

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

31.5611, 32.6670, 27.9345

Protanopia

30.9712, 32.5987, 28.3267

Deuteranopia

33.1673, 32.5311, 28.1979



Tritanopia

33.5427, 32.5031, 38.2241

Trichromacy



Original Color

31.5611, 32.6670, 27.9345

Protanomaly

31.1752, 32.7039, 28.3363

Deuteranomaly

32.4350, 32.3895, 28.2092

Tritanomaly

32.7223, 32.4045, 34.2358

Monochromacy



Original Color

31.5611, 32.6670, 27.9345

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

31.1990, 32.6202, 32.6689

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.5611, 32.6670, 27.9345 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, 153, 136)` looks like.

```
.text, #text, p{  
    color:rgb(166, 153, 136)  
}
```

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, 153, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 153, 136) }
```

Border

The CSS property to change the border of an element to XYZ 31.5611, 32.6670, 27.9345 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, 153, 136) }
```


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

```
.border{ border-color:rgb(166, 153, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 153, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 153, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 153, 136);  
box-shadow:4px 4px 4px 4px rgb(166, 153,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 31.5611, 32.6670, 27.9345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 153, 136) }
```

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

```
.background{ background-color: rgb(166,  
153, 136) }
```

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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