

Converting Colors

XYZ(31.8959, 32.6175, 27.1690)

Have a look what the booklet for
XYZ(31.8959, 32.6175, 27.1690)
contains.

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Color

**XYZ(31.8935, 32.6127,
27.1682)**

Conversions

Conversions Part 1

Format	Color
Hex	A99886
RGB	169, 152, 134
RGB Percent	66%, 60%, 53%
CMY	0.3373, 0.4039, 0.4745
CMYK	0.00, 0.10, 0.21, 0.34
HSL	31°, 17%, 59%
HSV	31°, 21%, 66%
XYZ	31.8935, 32.6127, 27.1682
YIQ	155.0310, 15.9100, -1.9940

Conversions

Conversions Part 2

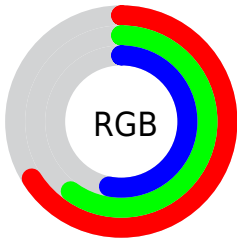
Format	Color
RYB	167, 169, 134
Decimal	11114630
CIELab	63.85, 3.29, 11.75
CIElCh	64, 12.205, 74.386
Yxy	32.6127, 0.3479, 0.3557
Android (android.graphics.Color)	4289304710 (0xFFA99886)
YUV	155.0310, -10.3683, 12.2508
Hunter-Lab	57.1075, -0.2492, 11.7688

Details

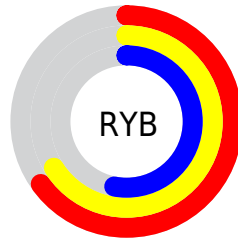
The XYZ color **31.8935, 32.6127, 27.1682** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.0594, 30.0655, 41.8607**, and the grayscale version is **31.2096, 32.8350, 35.7573**.

A 20% lighter version of the original color is **62.0923, 63.7380, 56.0438**, and **13.5900, 13.7294, 10.3213** is the 20% darker color. If you saturate the color by 10%, you get **29.5217, 29.6069, 21.0196**, and if you desaturate by 10%, it is **34.5476, 35.8811, 34.3411**.

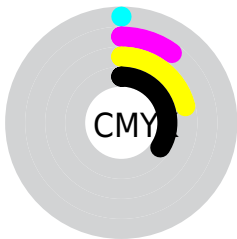
Distribution



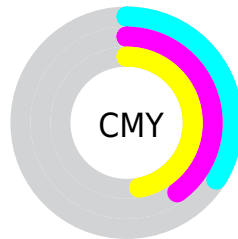
- Red (66%)
- Green (60%)
- Blue (53%)



- Red (65%)
- Yellow (66%)
- Blue (53%)



- Cyan (0%)
- Magenta (10%)
- Yellow (21%)
- Black (34%)



- Cyan (34%)
- Magenta (40%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.8935, 32.6127, 27.1682 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 31.8935, 32.6127, 27.1682 by changing the saturation by 10% instead.

■ 31.8935, 32.6127,
27.1682

■ 31.8935, 32.6127,
27.1682

302.3877,
313.9009, 302.2565

■ 21.4353, 21.8299,
17.4660

■ 62.0104, 63.7704,
56.1607

■ 13.5568, 13.7320,
10.4019

■ 82.3999, 84.9141,
76.2881

■ 7.8927, 7.9345,
5.5571

■ 106.8304,
110.2802, 100.7276

■ 4.0776, 4.0531,
2.5133

135.6675,
140.2531, 129.8978

■ 1.7461, 1.7033,
0.8472

169.2764,
175.2173, 164.2173

■ 0.4849, 0.4258,
0.0000

208.0225,

■ 0.0000, 0.0000,

215.5570, 204.1045

0.0000

252.2712,
261.6568, 249.9781

■ 31.8935, 32.6127,
27.1682

■ 31.8935, 32.6127,
27.1682

■ 29.5217, 29.6069,
21.0196

■ 34.5476, 35.8811,
34.3411

■ 27.4188, 26.8522,
15.8456

■ 37.4916, 39.4148,
42.5806

■ 25.5742, 24.3422,
11.5953

■ 40.7360, 43.2217,
51.9295

■ 23.9753, 22.0688,
8.2125

■ 44.2897, 47.3082,
62.4271

■ 22.6084, 20.0232,
5.6348

■ 48.1616, 51.6806,
74.1113

■ 21.4579, 18.1959,
3.7909

■ 52.3599, 56.3446,
87.0178

■ 20.5058, 16.5761,
2.5973

■ 56.8926, 61.3061,
101.1810

■ 19.7649, 15.2402,
1.8999

■ 59.3957, 65.6218,
104.1435

■ 61.5725, 69.9756,
104.8692

Harmonies

Analogous

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



33.4144, 32.6127, 29.3045



31.8935, 32.6127, 27.1682



30.1852, 32.6127, 27.1244

Triad

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



31.8935, 32.6127, 27.1682



27.9115, 32.6127, 37.9083



33.3618, 32.6127, 42.6959

Complementary

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



31.8935, 32.6127, 27.1682



28.0594, 30.0655, 41.8607

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.



31.8240, 32.6127, 45.4663



31.8935, 32.6127, 27.1682



28.6999, 32.6127, 42.5342

Square

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



31.8935, 32.6127, 27.1682



27.9286, 32.6127, 33.0278



30.1182, 32.6127, 45.4045



34.2832, 32.6127, 38.1129

Rectangle

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



31.8935, 32.6127, 27.1682



29.1720, 32.6127, 28.2719



30.1182, 32.6127, 45.4045



32.8974, 32.6127, 43.8880

Sweetspot

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



31.8944, 32.6142, 27.1689



64.2333, 67.1131, 68.0517



30.5143, 27.7363, 33.2373



13.9300, 14.5435, 14.6367



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.



31.8944, 32.6142, 27.1689



55.0460, 55.8010, 43.2167



34.8535, 38.5324, 28.1553



7.8382, 8.1565, 7.9505



14.7844, 11.4661, 1.4339



0.4106, 0.3808, 0.0519

Inverse Universe

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



28.0594, 30.0655, 41.8607



46.8862, 50.3783, 74.4779



25.5185, 24.9836, 41.0137



7.4212, 7.8793, 9.5481



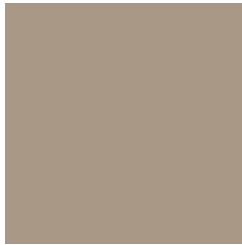
7.6433, 6.7469, 28.8749



0.2374, 0.2670, 0.7197

Previews

White Background



This preview shows how the XYZ color 31.8935, 32.6127, 27.1682 looks on a white background.

Color Contrast Check

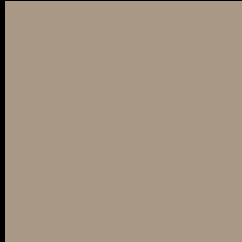
Large Text (above 18pt) WCAG AA × Fail

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 31.8935, 32.6127, 27.1682 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

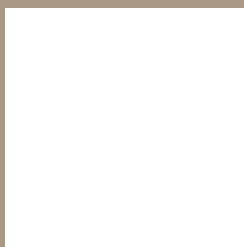
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.8935, 32.6127, 27.1682

Background



This preview shows how black text looks on a background with the XYZ color 31.8935, 32.6127, 27.1682.



This preview shows how white text looks on a background with the XYZ color 31.8935, 32.6127,

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

31.8935, 32.6127, 27.1682

Protanopia

30.8291, 32.5419, 27.5780

Deuteranopia

33.2521, 32.5913, 27.4598



Tritanopia

33.9483, 32.4885, 37.7393

Trichromacy



Original Color

31.8935, 32.6127, 27.1682

Protanomaly

31.2815, 32.5311, 27.5521

Deuteranomaly

32.7351, 32.5606, 27.4812

Tritanomaly

33.1279, 32.3872, 33.7835

Monochromacy



Original Color

31.8935, 32.6127, 27.1682

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

31.3193, 32.6914, 32.2631

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.8935, 32.6127, 27.1682 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(169, 152, 134)` looks like.

```
.text, #text, p{  
    color:rgb(169, 152, 134)  
}
```

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(169, 152, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 152, 134) }
```

Border

The CSS property to change the border of an element to XYZ 31.8935, 32.6127, 27.1682 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(169, 152, 134) }
```


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

```
.border{ border-color:rgb(169, 152, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 152, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 152, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 152, 134);  
box-shadow:4px 4px 4px 4px rgb(169, 152,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 31.8935, 32.6127, 27.1682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 152, 134) }
```

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

```
.background{ background-color: rgb(169,  
152, 134) }
```

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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