

Converting Colors

XYZ(28.9931, 32.5502, 29.5657)

Have a look what the booklet for
XYZ(28.9931, 32.5502, 29.5657)
contains.

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Color

**XYZ(28.9931, 32.5502,
29.5657)**

Conversions

Conversions Part 1

Format	Color
Hex	939E8C
RGB	147, 158, 140
RGB Percent	58%, 62%, 55%
CMY	0.4235, 0.3804, 0.4510
CMYK	0.07, 0.00, 0.11, 0.38
HSL	97°, 8%, 58%
HSV	97°, 11%, 62%
XYZ	28.9931, 32.5502, 29.5657
YIQ	152.6590, -0.7780, -7.9300

Conversions

Conversions Part 2

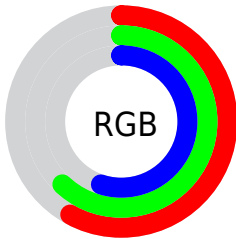
Format	Color
RYB	140, 158, 151
Decimal	9674380
CIELab	63.80, -7.36, 8.07
CIElCh	64, 10.922, 132.391
Yxy	32.5502, 0.3182, 0.3573
Android (android.graphics.Color)	4287864460 (0xFF939E8C)
YUV	152.6590, -6.2409, -4.9629
Hunter-Lab	57.0528, -9.1322, 9.2119

Details

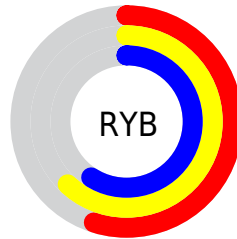
The XYZ color **28.9931, 32.5502, 29.5657** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.3135, 27.8050, 36.2241**, and the grayscale version is **30.1573, 31.7279, 34.5516**.

A 20% lighter version of the original color is **57.6192, 63.9010, 60.3362**, and **11.9270, 13.7404, 11.6964** is the 20% darker color. If you saturate the color by 10%, you get **26.2513, 31.2628, 23.7862**, and if you desaturate by 10%, it is **32.0494, 33.9823, 36.2346**.

Distribution



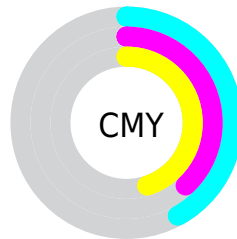
- Red (58%)
- Green (62%)
- Blue (55%)



- Red (55%)
- Yellow (62%)
- Blue (59%)



- Cyan (7%)
- Magenta (0%)
- Yellow (11%)
- Black (38%)



- Cyan (42%)
- Magenta (38%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.9931, 32.5502, 29.5657 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 28.9931, 32.5502, 29.5657 by changing the saturation by 10% instead.

■ 28.9931, 32.5502,
29.5657

■ 28.9931, 32.5502,
29.5657

289.1772,
313.6180, 314.0189

■ 19.2199, 21.7821,
19.2599

■ 57.4638, 63.6726,
60.0275

■ 11.9342, 13.6969,
11.6795

■ 76.8919, 84.7958,
81.0207

■ 6.7708, 7.9101,
6.4060

■ 100.2690,
110.1393, 106.4134

■ 3.3642, 4.0375,
3.0207

127.9605,
140.0878, 136.6242

■ 1.3492, 1.6946,
1.1052

160.3317,
175.0255, 172.0715

■ 0.2196, 0.4201,
0.0000

197.7480,

■ 0.0000, 0.0000,

215.3368, 213.1741

0.0000

240.5747,
261.4062, 260.3504

■ 28.9931, 32.5502,
29.5657

■ 28.9931, 32.5502,
29.5657

■ 26.2513, 31.2628,
23.7862

■ 32.0494, 33.9823,
36.2346

■ 23.8107, 30.1112,
18.8565

■ 35.4277, 35.5594,
43.8261

■ 21.6608, 29.0919,
14.7370

■ 39.1385, 37.2870,
52.3742

■ 19.7897, 28.1995,
11.3842

■ 43.1909, 39.1692,
61.9107

■ 18.1843, 27.4286,
8.7506

■ 47.5938, 41.2099,
72.4659

■ 16.8304, 26.7727,
6.7834

■ 52.3557, 43.4129,
84.0687

■ 15.7122, 26.2252,
5.4223

■ 57.4848, 45.7817,
96.7468

■ 14.8114, 25.7782,
4.5964

■ 61.0978, 47.5635,
100.5682

■ 14.1787, 25.4609,
4.1671

■ 64.1811, 49.1530,
100.7125

Harmonies

Analogous

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



30.3098, 32.5502, 27.8198



28.9931, 32.5502, 29.5657



28.2128, 32.5502, 32.9489

Triad

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



28.9931, 32.5502, 29.5657



30.0549, 32.5502, 44.1115



33.9070, 32.5502, 33.6609

Complementary

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



28.9931, 32.5502, 29.5657



28.3135, 27.8050, 36.2241

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.



33.8332, 32.5502, 38.0571



28.9931, 32.5502, 29.5657



31.5748, 32.5502, 44.3420

Square

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



28.9931, 32.5502, 29.5657



28.8118, 32.5502, 41.4427



32.9680, 32.5502, 42.0487



33.1663, 32.5502, 30.0498

Rectangle

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



28.9931, 32.5502, 29.5657



28.0856, 32.5502, 35.7950



32.9680, 32.5502, 42.0487



33.9773, 32.5502, 35.0906

Sweetspot

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



28.9940, 32.5516, 29.5664



57.2347, 61.2578, 63.6678



29.8699, 31.2328, 29.2657



12.8028, 13.7634, 14.1320



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.



28.9940, 32.5516, 29.5664



51.1586, 58.4105, 50.5046



27.9105, 31.9776, 30.2144



6.7825, 7.5205, 7.0798



11.3967, 20.4120, 3.3392



0.2496, 0.3886, 0.0618

Inverse Universe

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



28.3135, 27.8050, 36.2241



49.6401, 47.8210, 65.3575



29.4976, 28.4332, 35.4764



6.6542, 6.6257, 8.3349



8.8993, 4.0168, 26.2135



0.2054, 0.0957, 0.4709

Previews

White Background



This preview shows how the XYZ color 28.9931, 32.5502, 29.5657 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 28.9931, 32.5502, 29.5657 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

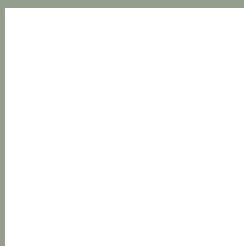
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.9931, 32.5502, 29.5657

Background



This preview shows how black text looks on a background with the XYZ color 28.9931, 32.5502, 29.5657.



This preview shows how white text looks on a background with the XYZ color 28.9931, 32.5502,

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

28.9931, 32.5502, 29.5657

Protanopia

30.8410, 32.5232, 28.6969

Deuteranopia

33.0855, 32.4466, 30.1102



Tritanopia

31.2010, 32.4437, 40.6942

Trichromacy



Original Color

28.9931, 32.5502, 29.5657

Protanomaly

30.0918, 32.3747, 29.0890

Deuteranomaly

31.3458, 32.2721, 29.7763

Tritanomaly

30.3848, 32.3610, 36.5431

Monochromacy



Original Color

28.9931, 32.5502, 29.5657

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

29.8291, 32.1601, 32.6523

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9931, 32.5502, 29.5657 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(147, 158, 140)` looks like.

```
.text, #text, p{  
    color:rgb(147, 158, 140)  
}
```

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(147, 158, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 158, 140) }
```

Border

The CSS property to change the border of an element to XYZ 28.9931, 32.5502, 29.5657 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(147, 158, 140) }
```


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

```
.border{ border-color:rgb(147, 158, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 158, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(147, 158, 140); -webkit-box-shadow:4px 4px 4px 4px rgb(147, 158, 140); box-shadow:4px 4px 4px 4px rgb(147, 158, 140) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9931, 32.5502, 29.5657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 158, 140) }
```

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

```
.background{ background-color: rgb(147,  
158, 140) }
```

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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