

Converting Colors

XYZ(27.9400, 31.0308, 17.3489)

Have a look what the booklet for XYZ(27.9400, 31.0308, 17.3489) contains.

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Color

**XYZ(27.9400, 31.0308,
17.3489)**

Conversions

Conversions Part 1

Format	Color
Hex	9E9967
RGB	158, 153, 103
RGB Percent	62%, 60%, 40%
CMY	0.3804, 0.4000, 0.5961
CMYK	0.00, 0.03, 0.35, 0.38
HSL	55°, 22%, 51%
HSV	55°, 35%, 62%
XYZ	27.9400, 31.0308, 17.3489
YIQ	148.7950, 19.0300, -14.4900

Conversions

Conversions Part 2

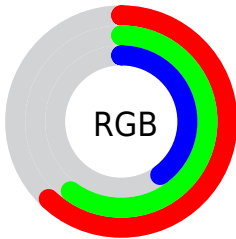
Format	Color
RYB	109, 158, 103
Decimal	10393959
CIELab	62.53, -6.05, 26.98
CIElCh	63, 27.647, 102.645
Yxy	31.0308, 0.3661, 0.4066
Android (android.graphics.Color)	4288584039 (0xFF9E9967)
YUV	148.7950, -22.5769, 8.0728
Hunter-Lab	55.7053, -7.9544, 20.5284

Details

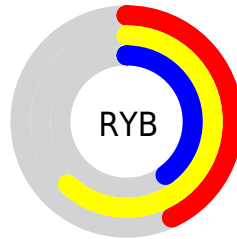
The XYZ color **27.9400, 31.0308, 17.3489** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.1276, 16.0770, 34.5484**, and the grayscale version is **28.5678, 30.0555, 32.7305**.

A 20% lighter version of the original color is **55.6698, 61.1383, 39.8771**, and **11.3848, 12.8427, 5.4933** is the 20% darker color. If you saturate the color by 10%, you get **26.9875, 30.2772, 13.4817**, and if you desaturate by 10%, it is **29.0468, 31.8528, 22.0076**.

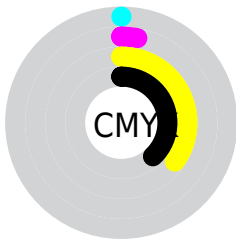
Distribution



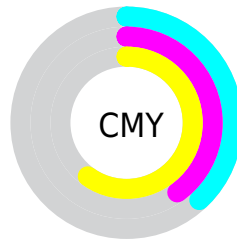
- Red (62%)
- Green (60%)
- Blue (40%)



- Red (43%)
- Yellow (62%)
- Blue (40%)



- Cyan (0%)
- Magenta (3%)
- Yellow (35%)
- Black (38%)



- Cyan (38%)
- Magenta (40%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.9400, 31.0308, 17.3489 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 27.9400, 31.0308, 17.3489 by changing the saturation by 10% instead.

■ 27.9400, 31.0308,
17.3489

■ 27.9400, 31.0308,
17.3489

284.2654,
306.6802, 249.2867

■ 18.4207, 20.6223,
10.3190

■ 55.7979, 61.2886,
39.7235

■ 11.3539, 12.8482,
5.5026

■ 74.8673, 81.9066,
55.9053

■ 6.3745, 7.3241,
2.4812

■ 97.8506, 106.6966,
75.9748

■ 3.1169, 3.6656,
0.8302

■ 125.1134,
136.0430, 100.3505

■ 1.2159, 1.4883,
0.0000

157.0209,
170.3302, 129.4510

■ 0.1189, 0.2805,
0.0000

193.9385,

■ 0.0000, 0.0000,

209.9425, 163.6949

0.0000

236.2315,
255.2644, 203.5006

■ 27.9400, 31.0308,
17.3489

■ 27.9400, 31.0308,
17.3489

■ 26.9875, 30.2772,
13.4817

■ 29.0468, 31.8528,
22.0076

■ 26.1785, 29.5845,
10.3596

■ 30.3133, 32.7421,
27.4971

■ 25.5044, 28.9502,
7.9342


■ 31.7476, 33.7031,
33.8561


■ 24.9548, 28.3701,
6.1505


■ 33.3565, 34.7386,
41.1206

■ 24.5178, 27.8396,
4.9456


■ 35.1465, 35.8510,
49.3244


 24.1783, 27.3525,
4.2407

 37.1237, 37.0429,
58.4997

 24.0204, 27.1088,
3.9665

 39.2938, 38.3166,
68.6769

 41.6625, 39.6744,
79.8854

 44.2351, 41.1183,
92.1531

Harmonies

Analogous

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



31.7025, 31.0308, 17.6327



27.9400, 31.0308, 17.3489



24.8640, 31.0308, 20.7356

Triad

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



27.9400, 31.0308, 17.3489



24.4911, 31.0308, 49.8371



36.9432, 31.0308, 40.3446

Complementary

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



27.9400, 31.0308, 17.3489



17.1276, 16.0770, 34.5484

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.



34.6654, 31.0308, 51.4119



27.9400, 31.0308, 17.3489



27.3903, 31.0308, 57.6416

Square

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



27.9400, 31.0308, 17.3489



22.9895, 31.0308, 38.5234



31.1043, 31.0308, 58.2725



37.1221, 31.0308, 29.4561

Rectangle

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



27.9400, 31.0308, 17.3489



23.5297, 31.0308, 25.1415



31.1043, 31.0308, 58.2725



36.3892, 31.0308, 44.2176

Sweetspot

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



27.9408, 31.0322, 17.3495



56.2116, 60.2480, 55.0622



21.6846, 18.0634, 16.6714



12.5961, 13.5312, 12.0740



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.



27.9408, 31.0322, 17.3495



49.3319, 55.2465, 25.7690



24.8287, 30.6675, 17.4432



7.1186, 7.6173, 7.0807



19.2527, 21.7411, 3.1817



0.3578, 0.4158, 0.0614

Inverse Universe

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



17.1276, 16.0770, 34.5484



26.6029, 23.8167, 61.9384



19.4796, 16.5295, 34.5118



6.3308, 6.5274, 8.3329



5.0864, 2.2643, 26.0762



0.1035, 0.0655, 0.4704

Previews

White Background



This preview shows how the XYZ color 27.9400, 31.0308, 17.3489 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 27.9400, 31.0308, 17.3489 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

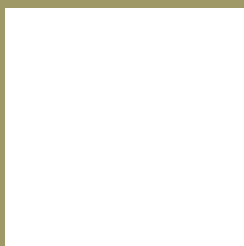
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.9400, 31.0308, 17.3489

Background



This preview shows how black text looks on a background with the XYZ color 27.9400, 31.0308, 17.3489.



This preview shows how white text looks on a background with the XYZ color 27.9400, 31.0308,

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

27.9400, 31.0308, 17.3489

Protanopia

28.7747, 30.9850, 17.0345

Deuteranopia

31.4976, 30.9740, 17.6831



Tritanopia

31.7603, 30.9189, 36.6417

Trichromacy



Original Color

27.9400, 31.0308, 17.3489

Protanomaly

28.5268, 31.0972, 17.0692

Deuteranomaly

30.1019, 30.9499, 17.4841

Tritanomaly

30.2352, 31.0113, 28.4370

Monochromacy



Original Color

27.9400, 31.0308, 17.3489

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.0201, 30.1540, 26.1733

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9400, 31.0308, 17.3489 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(158, 153, 103)` looks like.

```
.text, #text, p{  
    color:rgb(158, 153, 103)  
}
```

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(158, 153, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 153, 103) }
```

Border

The CSS property to change the border of an element to XYZ 27.9400, 31.0308, 17.3489 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(158, 153, 103) }
```


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

```
.border{ border-color:rgb(158, 153, 103) }
```

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

Here you see how a box with a 4 pixel rgb(158, 153, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 153, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 153, 103);  
box-shadow:4px 4px 4px 4px rgb(158, 153,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9400, 31.0308, 17.3489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 153, 103) }
```

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

```
.background{ background-color: rgb(158,  
153, 103) }
```

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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