

Converting Colors

XYZ(28.4006, 31.9400, 31.8623)

Have a look what the booklet for
XYZ(28.4006, 31.9400, 31.8623)
contains.

XYZ(28.4006, 31.9400, 31.8623)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(28.4006, 31.9400,
31.8623)**

Conversions

Conversions Part 1

Format	Color
Hex	8E9D92
RGB	142, 157, 146
RGB Percent	56%, 62%, 57%
CMY	0.4431, 0.3843, 0.4274
CMYK	0.10, 0.00, 0.07, 0.38
HSL	136°, 7%, 59%
HSV	136°, 10%, 62%
XYZ	28.4006, 31.9400, 31.8623
YIQ	151.2610, -5.4090, -6.6010

Conversions

Conversions Part 2

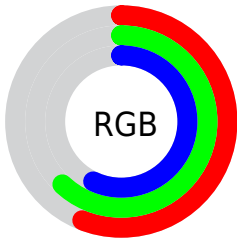
Format	Color
RYB	142, 154, 157
Decimal	9346450
CIELab	63.29, -7.51, 3.93
CIElCh	63, 8.476, 152.366
Yxy	31.9400, 0.3080, 0.3464
Android (android.graphics.Color)	4287536530 (0xFF8E9D92)
YUV	151.2610, -2.5937, -8.1219
Hunter-Lab	56.5155, -9.2009, 6.1343

Details

The XYZ color **28.4006, 31.9400, 31.8623** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **29.3285, 28.8148, 34.1545**, and the grayscale version is **29.5403, 31.0787, 33.8447**.

A 20% lighter version of the original color is **56.7338, 62.9929, 63.8122**, and **11.6790, 13.4279, 13.0426** is the 20% darker color. If you saturate the color by 10%, you get **25.0433, 30.3085, 27.2630**, and if you desaturate by 10%, it is **32.2294, 33.8059, 36.9560**.

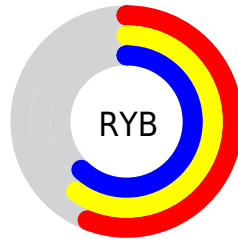
Distribution



Red (56%)

Green (62%)

Blue (57%)



Red (56%)

Yellow (60%)

Blue (62%)

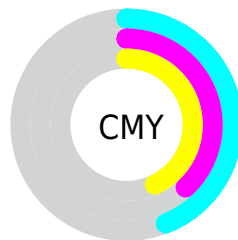


Cyan (10%)

Magenta (0%)

Yellow (7%)

Black (38%)



Cyan (44%)

Magenta (38%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.4006, 31.9400, 31.8623 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 28.4006, 31.9400, 31.8623 by changing the saturation by 10% instead.

■ 28.4006, 31.9400,
31.8623

■ 28.4006, 31.9400,
31.8623

286.4217,
310.8458, 324.9649

■ 18.7698, 21.3157,
20.9924

■ 56.5276, 62.7170,
63.6906

■ 11.6071, 13.3549,
12.9273

■ 75.7545, 83.6385,
85.4860

■ 6.5470, 7.6734,
7.2483

■ 98.9109, 108.7612,
111.7603

■ 3.2243, 3.8867,
3.5371

126.3620,
138.4694, 142.9322

■ 1.2734, 1.6104,
1.3750

158.4733,
173.1476, 179.4200

■ 0.1632, 0.3646,
0.1221

195.6101,

■ 0.0000, 0.0000,

213.1801, 221.6424

0.0000

238.1378,
258.9514, 270.0178

■ 28.4006, 31.9400,
31.8623

■ 28.4006, 31.9400,
31.8623

■ 25.0433, 30.3085,
27.2630

■ 32.2294, 33.8059,
36.9560

■ 22.1364, 28.8981,
23.1412

■ 36.5444, 35.9109,
42.5561

■ 19.6611, 27.7005,
19.4821

■ 41.3629, 38.2645,
48.6768

■ 17.5962, 26.7050,
16.2697

■ 46.7008, 40.8745,
55.3310

■ 15.9188, 25.9001,
13.4864

■ 52.5730, 43.7485,
62.5315

■ 14.6036, 25.2733,
11.1142

■ 58.9940, 46.8935,
70.2902

■ 13.6221, 24.8101,
9.1331

■ 65.9776, 50.3166,
78.6190

■ 12.9413, 24.4941,
7.5220

■ 68.7470, 51.5549,
87.3051

■ 12.4909, 24.2895,
6.2557

■ 70.4947, 52.2540,
96.5083

Harmonies

Analogous

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



29.1649, 31.9400, 29.5945



28.4006, 31.9400, 31.8623



28.1567, 31.9400, 35.0449

Triad

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



28.4006, 31.9400, 31.8623



30.4513, 31.9400, 41.6492



32.3061, 31.9400, 31.4280

Complementary

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



28.4006, 31.9400, 31.8623



29.3285, 28.8148, 34.1545

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.



32.6712, 31.9400, 34.5109



28.4006, 31.9400, 31.8623



31.5833, 31.9400, 40.5322

Square

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



28.4006, 31.9400, 31.8623



29.3224, 31.9400, 40.8287



32.4034, 31.9400, 37.8647



31.4178, 31.9400, 29.3554

Rectangle

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



28.4006, 31.9400, 31.8623



28.3168, 31.9400, 37.2973



32.4034, 31.9400, 37.8647



32.4951, 31.9400, 32.3734

Sweetspot

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



28.4015, 31.9414, 31.8630



55.2183, 59.3225, 62.8850



30.1248, 32.8651, 30.3475



12.0323, 12.9960, 13.6807



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



28.4015, 31.9414, 31.8630



49.8084, 56.6885, 55.6359



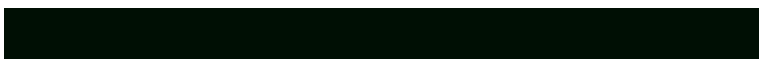
28.9838, 32.1743, 34.9293



6.6198, 7.4287, 7.4323



10.1435, 19.7253, 5.1128



0.1974, 0.3591, 0.1761

Inverse Universe

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



29.3285, 28.8148, 34.1545



51.7348, 50.1913, 60.3975



28.7475, 28.5824, 31.0948



6.8286, 6.7244, 7.9485



13.8288, 6.8361, 13.8814



0.2636, 0.1288, 0.3343

Previews

White Background



This preview shows how the XYZ color 28.4006, 31.9400, 31.8623 looks on a white background.

Color Contrast Check

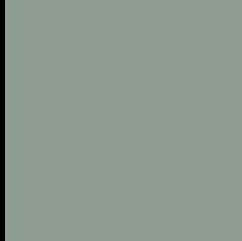
Large Text (above 18pt) WCAG AA × Fail

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 28.4006, 31.9400, 31.8623 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

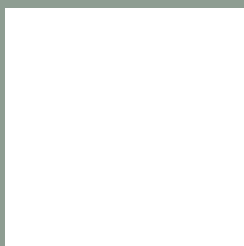
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.4006, 31.9400, 31.8623

Background



This preview shows how black text looks on a background with the XYZ color 28.4006, 31.9400, 31.8623.



This preview shows how white text looks on a background with the XYZ color 28.4006, 31.9400,

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

28.4006, 31.9400, 31.8623

Protanopia

30.2867, 31.7087, 30.5107

Deuteranopia

32.5128, 31.8640, 32.4537



Tritanopia

30.1156, 31.8841, 40.6434

Trichromacy



Original Color

28.4006, 31.9400, 31.8623

Protanomaly

29.5385, 31.8002, 30.9668

Deuteranomaly

30.8303, 31.7134, 32.1001

Tritanomaly

29.4810, 31.8752, 37.3996

Monochromacy



Original Color

28.4006, 31.9400, 31.8623

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.0288, 31.2483, 32.9353

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4006, 31.9400, 31.8623 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(142, 157, 146)` looks like.

```
.text, #text, p{  
    color:rgb(142, 157, 146)  
}
```

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(142, 157, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 157, 146) }
```

Border

The CSS property to change the border of an element to XYZ 28.4006, 31.9400, 31.8623 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(142, 157, 146) }
```


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

```
.border{ border-color:rgb(142, 157, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 157, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 157, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 157, 146);  
box-shadow:4px 4px 4px 4px rgb(142, 157,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4006, 31.9400, 31.8623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 157, 146) }
```

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

```
.background{ background-color: rgb(142,  
157, 146) }
```

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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