

Converting Colors

XYZ(28.2321, 31.6030, 31.8061)

Have a look what the booklet for
XYZ(28.2321, 31.6030, 31.8061)
contains.

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Color

**XYZ(28.2321, 31.6030,
31.8061)**

Conversions

Conversions Part 1

Format	Color
Hex	8E9C92
RGB	142, 156, 146
RGB Percent	56%, 61%, 57%
CMY	0.4431, 0.3882, 0.4274
CMYK	0.09, 0.00, 0.06, 0.39
HSL	137°, 7%, 58%
HSV	137°, 9%, 61%
XYZ	28.2321, 31.6030, 31.8061
YIQ	150.6740, -5.1340, -6.0780

Conversions

Conversions Part 2

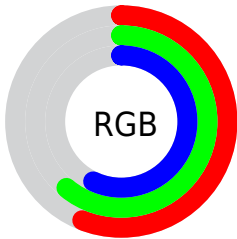
Format	Color
RYB	142, 153, 156
Decimal	9346194
CIELab	63.01, -6.97, 3.53
CIELCh	63, 7.808, 153.144
Yxy	31.6030, 0.3081, 0.3449
Android (android.graphics.Color)	4287536274 (0xFF8E9C92)
YUV	150.6740, -2.3043, -7.6071
Hunter-Lab	56.2165, -8.7358, 5.8066

Details

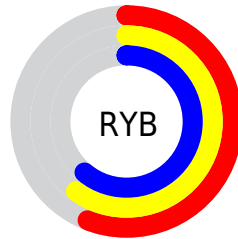
The XYZ color **28.2321, 31.6030, 31.8061** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **29.0519, 28.6817, 33.7122**, and the grayscale version is **29.2879, 30.8132, 33.5556**.

A 20% lighter version of the original color is **56.2369, 61.9991, 63.6466**, and **11.5765, 13.2230, 13.0085** is the 20% darker color. If you saturate the color by 10%, you get **24.9156, 29.9895, 27.3443**, and if you desaturate by 10%, it is **32.0095, 33.4461, 36.7319**.

Distribution



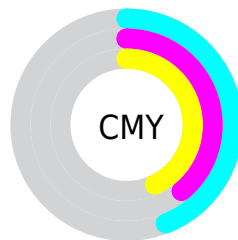
- Red (56%)
- Green (61%)
- Blue (57%)



- Red (56%)
- Yellow (60%)
- Blue (61%)



- Cyan (9%)
- Magenta (0%)
- Yellow (6%)
- Black (39%)



- Cyan (44%)
- Magenta (39%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.2321, 31.6030, 31.8061 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 28.2321, 31.6030, 31.8061 by changing the saturation by 10% instead.

■ 28.2321, 31.6030,
31.8061

■ 28.2321, 31.6030,
31.8061

285.6343,
309.3068, 324.7005

■ 18.6420, 21.0584,
20.9498

■ 56.2608, 62.1882,
63.6014

■ 11.5144, 13.1667,
12.8965

■ 75.4302, 82.9976,
85.3775

■ 6.4838, 7.5435,
7.2274

■ 98.5235, 107.9975,
111.6306

■ 3.1848, 3.8042,
3.5241

125.9059,
137.5721, 142.7793

■ 1.2523, 1.5647,
1.3681

157.9428,
172.1060, 179.2421

■ 0.1470, 0.3336,
0.1166

194.9996,

■ 0.0000, 0.0000,

211.9835, 221.4375

0.0000

237.4417,
257.5889, 269.7841

■ 28.2321, 31.6030,
31.8061

■ 28.2321, 31.6030,
31.8061

■ 24.9156, 29.9895,
27.3443

■ 32.0095, 33.4461,
36.7319

■ 22.0395, 28.5927,
23.3312

■ 36.2622, 35.5233,
42.1326

■ 19.5856, 27.4043,
19.7532

■ 41.0068, 37.8439,
48.0211

■ 17.5335, 26.4141,
16.5958

■ 46.2589, 40.4154,
54.4093

■ 15.8608, 25.6111,
13.8433

■ 52.0328, 43.2453,
61.3087

■ 14.5432, 24.9827,
11.4790

■ 58.3426, 46.3404,
68.7304

■ 13.5530, 24.5154,
9.4854

■ 65.2018, 49.7075,
76.6852

■ 12.8585, 24.1930,
7.8433

■ 68.1465, 51.0451,
84.9739

■ 12.3964, 23.9834,
6.5303

■ 69.8092, 51.7101,
93.7294

Harmonies

Analogous

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



28.9223, 31.6030, 29.6903



28.2321, 31.6030, 31.8061



28.0218, 31.6030, 34.7358

Triad

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



28.2321, 31.6030, 31.8061



30.1511, 31.6030, 40.6624



31.8009, 31.6030, 31.2758

Complementary

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



28.2321, 31.6030, 31.8061



29.0519, 28.6817, 33.7122

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.



32.1480, 31.6030, 34.0869



28.2321, 31.6030, 31.8061



31.1814, 31.6030, 39.6057

Square

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



28.2321, 31.6030, 31.8061



29.1141, 31.6030, 39.9631



31.9187, 31.6030, 37.1529



30.9807, 31.6030, 29.3973

Rectangle

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



28.2321, 31.6030, 31.8061



28.1779, 31.6030, 36.7885



31.9187, 31.6030, 37.1529



31.9776, 31.6030, 32.1369

Sweetspot

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



28.2330, 31.6043, 31.8068



55.2319, 59.3280, 62.9565



29.7273, 32.4100, 30.2806



12.0360, 12.9975, 13.7002



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.



28.2330, 31.6043, 31.8068



49.8544, 56.7069, 55.8780



28.7918, 31.8279, 34.7498



6.6248, 7.4307, 7.4587



10.1891, 19.7436, 5.3527



0.1990, 0.3598, 0.1845

Inverse Universe

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



29.0519, 28.6817, 33.7122



51.6856, 50.1716, 60.1383



28.4977, 28.4600, 30.7936



6.8233, 6.7222, 7.9206



13.6918, 6.7813, 13.1597



0.2619, 0.1281, 0.3254

Previews

White Background



This preview shows how the XYZ color 28.2321, 31.6030, 31.8061 looks on a white background.

Color Contrast Check

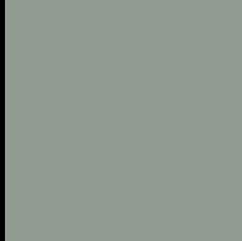
Large Text (above 18pt) WCAG AA × Fail

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 28.2321, 31.6030, 31.8061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

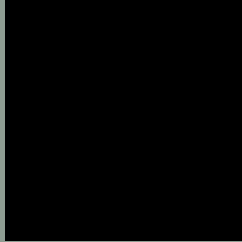
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.2321, 31.6030, 31.8061

Background



This preview shows how black text looks on a background with the XYZ color 28.2321, 31.6030, 31.8061.



This preview shows how white text looks on a background with the XYZ color 28.2321, 31.6030,

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

28.2321, 31.6030, 31.8061

Protanopia

30.1669, 31.6382, 30.9024

Deuteranopia

32.1412, 31.4406, 32.3916



Tritanopia

29.8598, 31.5188, 40.1073

Trichromacy



Original Color

28.2321, 31.6030, 31.8061

Protanomaly

29.4510, 31.5022, 31.3164

Deuteranomaly

30.4709, 31.2902, 32.0374

Tritanomaly

29.2288, 31.5091, 36.8891

Monochromacy



Original Color

28.2321, 31.6030, 31.8061

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 28.2321, 31.6030, 31.8061 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, 156, 146)` looks like.

```
.text, #text, p{  
    color:rgb(142, 156, 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, 156, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 156, 146) }
```

Border

The CSS property to change the border of an element to XYZ 28.2321, 31.6030, 31.8061 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, 156, 146) }
```


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

```
.border{ border-color:rgb(142, 156, 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, 156, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 156, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 156, 146);  
box-shadow:4px 4px 4px 4px rgb(142, 156,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 28.2321, 31.6030, 31.8061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 156, 146) }
```

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

```
.background{ background-color: rgb(142,  
156, 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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