

Converting Colors

XYZ(28.0366, 31.4296, 30.0034)

Have a look what the booklet for
XYZ(28.0366, 31.4296, 30.0034)
contains.

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Color

**XYZ(28.0986, 31.5696,
30.2038)**

Conversions

Conversions Part 1

Format	Color
Hex	8F9C8E
RGB	143, 156, 142
RGB Percent	56%, 61%, 56%
CMY	0.4392, 0.3882, 0.4431
CMYK	0.08, 0.00, 0.09, 0.39
HSL	116°, 7%, 58%
HSV	116°, 9%, 61%
XYZ	28.0986, 31.5696, 30.2038
YIQ	150.5170, -3.2540, -7.1100

Conversions

Conversions Part 2

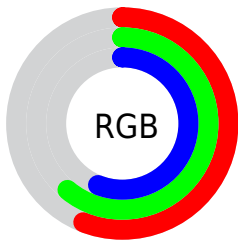
Format	Color
RYB	142, 156, 155
Decimal	9411726
CIELab	62.99, -7.37, 5.75
CIElCh	63, 9.347, 142.066
Yxy	31.5696, 0.3127, 0.3513
Android (android.graphics.Color)	4287601806 (0xFF8F9C8E)
YUV	150.5170, -4.1989, -6.5924
Hunter-Lab	56.1868, -9.0605, 7.4588

Details

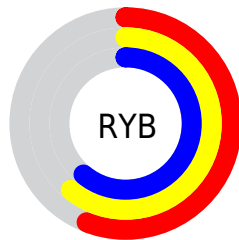
The XYZ color **28.0986, 31.5696, 30.2038** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **29.1927, 28.7158, 35.4583**, and the grayscale version is **29.2282, 30.7504, 33.4872**.

A 20% lighter version of the original color is **56.0364, 61.9490, 61.2285**, and **11.4975, 13.2030, 12.0677** is the 20% darker color. If you saturate the color by 10%, you get **24.6604, 29.9241, 24.3507**, and if you desaturate by 10%, it is **32.0264, 33.4504, 36.9369**.

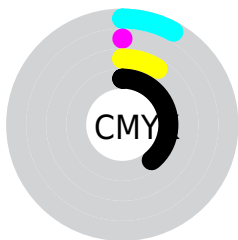
Distribution



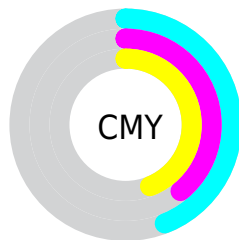
- Red (56%)
- Green (61%)
- Blue (56%)



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



- Cyan (8%)
- Magenta (0%)
- Yellow (9%)
- Black (39%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.0986, 31.5696, 30.2038 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 28.0986, 31.5696, 30.2038 by changing the saturation by 10% instead.

■ 28.0986, 31.5696,
30.2038

■ 28.0986, 31.5696,
30.2038

285.0093,
309.1539, 317.0901

■ 18.5408, 21.0330,
19.7400

■ 56.0494, 62.1357,
61.0491

■ 11.4410, 13.1481,
12.0240

■ 75.1731, 82.9340,
82.2677

■ 6.4338, 7.5306,
6.6373

■ 98.2161, 107.9217,
107.9083

■ 3.1537, 3.7961,
3.1613

125.5439,
137.4831, 138.3894

■ 1.2356, 1.5602,
1.1776

157.5218,
172.0026, 174.1296

■ 0.1342, 0.3305,
0.0000

194.5151,

■ 0.0000, 0.0000,

211.8647, 215.5474

0.0000

236.8891,
257.4536, 263.0614

■ 28.0986, 31.5696,
30.2038

■ 28.0986, 31.5696,
30.2038

■ 24.6604, 29.9241,
24.3507

■ 32.0264, 33.4504,
36.9369

■ 21.6902, 28.5007,
19.3394

■ 36.4593, 35.5710,
44.5820

■ 19.1684, 27.2912,
15.1317

■ 41.4151, 37.9409,
53.1723

■ 17.0733, 26.2852,
11.6858

■ 46.9104, 40.5677,
62.7383

■ 15.3812, 25.4716,
8.9562

■ 52.9605, 43.4590,
73.3095

■ 14.0661, 24.8379,
6.8925

■ 59.5805, 46.6217,
84.9139

■ 13.0990, 24.3706,
5.4377

■ 66.7849, 50.0628,
97.5786

■ 12.4466, 24.0537,
4.5253

■ 71.1791, 52.2582,
100.9430

■ 12.0582, 23.8644,
4.0166

Harmonies

Analogous

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



29.0870, 31.5696, 28.2229



28.0986, 31.5696, 30.2038



27.6242, 31.5696, 33.4062

Triad

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



28.0986, 31.5696, 30.2038



29.6661, 31.5696, 41.8715



32.3551, 31.5696, 31.7828

Complementary

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



28.0986, 31.5696, 30.2038



29.1927, 28.7158, 35.4583

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.



32.5209, 31.5696, 35.3601



28.0986, 31.5696, 30.2038



30.9440, 31.5696, 41.3595

Square

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



28.0986, 31.5696, 30.2038



28.5122, 31.5696, 40.2641



31.9977, 31.5696, 38.9112



31.5510, 31.5696, 29.0881

Rectangle

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



28.0986, 31.5696, 30.2038



27.6535, 31.5696, 35.8749



31.9977, 31.5696, 38.9112



32.4882, 31.5696, 32.9154

Sweetspot

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



28.0995, 31.5710, 30.2045



55.1443, 59.3063, 61.8944



30.2879, 32.4098, 30.2511



12.0120, 12.9915, 13.4100



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.



28.0995, 31.5710, 30.2045



49.5578, 56.6320, 52.3370



28.3770, 31.6621, 32.5646



6.5924, 7.4225, 7.0709



9.9200, 19.6507, 3.2701



0.1888, 0.3572, 0.0590

Inverse Universe

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



29.1927, 28.7158, 35.4583



52.0022, 50.2478, 64.0847



28.9029, 28.6222, 32.9270



6.8574, 6.7305, 8.3444



14.5542, 6.9320, 26.4782



0.2727, 0.1304, 0.4740

Previews

White Background



This preview shows how the XYZ color 28.0986, 31.5696, 30.2038 looks on a white background.

Color Contrast Check

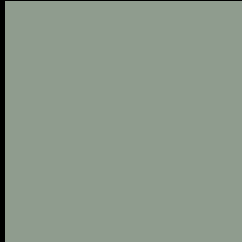
Large Text (above 18pt) WCAG AA × Fail

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 28.0986, 31.5696, 30.2038 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

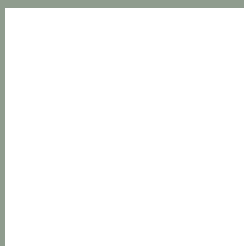
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.0986, 31.5696, 30.2038

Background



This preview shows how black text looks on a background with the XYZ color 28.0986, 31.5696, 30.2038.



This preview shows how white text looks on a background with the XYZ color 28.0986, 31.5696,

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

28.0986, 31.5696, 30.2038

Protanopia

30.0624, 31.6190, 29.3296

Deuteranopia

32.0453, 31.4271, 30.7626



Tritanopia

30.2154, 31.7021, 40.1239

Trichromacy



Original Color

28.0986, 31.5696, 30.2038

Protanomaly

29.3358, 31.4779, 29.7290

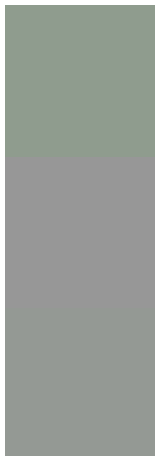
Deuteranomaly

30.3615, 31.2694, 30.4220

Tritanomaly

29.4955, 31.6565, 36.4540

Monochromacy



Original Color

28.0986, 31.5696, 30.2038

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

28.9493, 31.2165, 32.5166

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0986, 31.5696, 30.2038 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(143, 156, 142) looks like.

```
.text, #text, p{  
    color:rgb(143, 156, 142)  
}
```

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(143, 156, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 156, 142) }
```

Border

The CSS property to change the border of an element to XYZ 28.0986, 31.5696, 30.2038 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(143, 156, 142) }
```


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

```
.border{ border-color:rgb(143, 156, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 156, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 156, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 156, 142);  
box-shadow:4px 4px 4px 4px rgb(143, 156,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0986, 31.5696, 30.2038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 156, 142) }
```

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

```
.background{ background-color: rgb(143,  
156, 142) }
```

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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