

Converting Colors

XYZ(28.5938, 32.4120, 31.1905)

Have a look what the booklet for
XYZ(28.5938, 32.4120, 31.1905)
contains.

XYZ(28.5886, 32.3070, 31.1146)	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(28.5886, 32.3070,
31.1146)**

Conversions

Conversions Part 1

Format	Color
Hex	8F9E90
RGB	143, 158, 144
RGB Percent	56%, 62%, 56%
CMY	0.4392, 0.3804, 0.4353
CMYK	0.09, 0.00, 0.09, 0.38
HSL	124°, 7%, 59%
HSV	124°, 9%, 62%
XYZ	28.5886, 32.3070, 31.1146
YIQ	151.9190, -4.4460, -7.5340

Conversions

Conversions Part 2

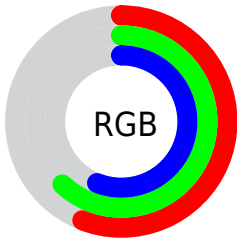
Format	Color
R _Y B	143, 157, 158
Decimal	9412240
CIE Lab	63.60, -8.08, 5.50
CIE LCh	64, 9.772, 145.749
Yxy	32.3070, 0.3107, 0.3511
Android (android.graphics.Color)	4287602320 (0xFF8F9E90)
YUV	151.9190, -3.9041, -7.8220
Hunter-Lab	56.8392, -9.6880, 7.3313

Details

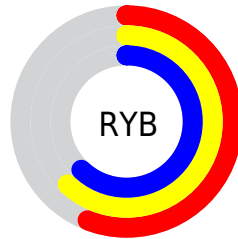
The XYZ color **28.5886, 32.3070, 31.1146** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **30.0100, 29.3492, 35.9832**, and the grayscale version is **29.8285, 31.3819, 34.1749**.

A 20% lighter version of the original color is **57.0133, 63.5360, 62.6848**, and **11.7923, 13.6507, 12.6030** is the 20% darker color. If you saturate the color by 10%, you get **24.9892, 30.5742, 25.4418**, and if you desaturate by 10%, it is **32.7224, 34.3001, 37.5824**.

Distribution



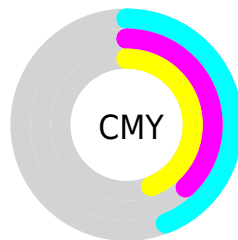
- Red (56%)
- Green (62%)
- Blue (56%)



- Red (56%)
- Yellow (62%)
- Blue (62%)



- Cyan (9%)
- Magenta (0%)
- Yellow (9%)
- Black (38%)



- Cyan (44%)
- Magenta (38%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.5886, 32.3070, 31.1146 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 28.5886, 32.3070, 31.1146 by changing the saturation by 10% instead.

■ 28.5886, 32.3070,
31.1146

■ 28.5886, 32.3070,
31.1146

287.2982,
312.5154, 321.4335

■ 18.9125, 21.5961,
20.4269

■ 56.8249, 63.2921,
62.5021

■ 11.7107, 13.5604,
12.5186

■ 76.1159, 84.3350,
84.0391

■ 6.6178, 7.8156,
6.9711

■ 99.3425, 109.5908,
110.0296

■ 3.2684, 3.9772,
3.3659

126.8702,
139.4437, 140.8921

■ 1.2973, 1.6608,
1.2843

159.0642,
174.2782, 177.0452

■ 0.1812, 0.3981,
0.0489

196.2900,

■ 0.0000, 0.0000,

214.4788, 218.9074

0.0000

238.9129,
260.4297, 266.8973

■ 28.5886, 32.3070,
31.1146

■ 28.5886, 32.3070,
31.1146

■ 24.9892, 30.5742,
25.4418

■ 32.7224, 34.3001,
37.5824

■ 21.8997, 29.0870,
20.5314

■ 37.4083, 36.5593,
44.8720

■ 19.2980, 27.8356,
16.3514

■ 42.6666, 39.0953,
53.0115

■ 17.1591, 26.8078,
12.8670

■ 48.5156, 41.9171,
62.0272

■ 15.4557, 25.9905,
10.0405

■ 54.9730, 45.0332,
71.9441

■ 14.1579, 25.3691,
7.8304

■ 62.0557, 48.4518,
82.7862

■ 13.2319, 24.9270,
6.1909

■ 69.7798, 52.1808,
94.5768

■ 12.6383, 24.6452,
5.0696

■ 71.5175, 52.9350,
101.0558

■ 12.2995, 24.4850,
4.4029

Harmonies

Analogous

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



29.5810, 32.3070, 28.8331



28.5886, 32.3070, 31.1146



28.1637, 32.3070, 34.6227

Triad

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



28.5886, 32.3070, 31.1146



30.5127, 32.3070, 43.2157



33.1314, 32.3070, 32.0121

Complementary

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



28.5886, 32.3070, 31.1146



30.0100, 29.3492, 35.9832

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.



33.3986, 32.3070, 35.7368



28.5886, 32.3070, 31.1146



31.8609, 32.3070, 42.3889

Square

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



28.5886, 32.3070, 31.1146



29.2536, 32.3070, 41.7612



32.9272, 32.3070, 39.5781



32.2074, 32.3070, 29.3237

Rectangle

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



28.5886, 32.3070, 31.1146



28.2500, 32.3070, 37.2562



32.9272, 32.3070, 39.5781



33.3021, 32.3070, 33.1763

Sweetspot

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



28.5895, 32.3084, 31.1153



56.6331, 60.9421, 63.8926



31.1397, 33.6318, 30.8374



12.6339, 13.6748, 14.1950



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.



28.5895, 32.3084, 31.1153



50.7236, 58.0945, 54.6295



29.1618, 32.5373, 34.1291



6.5678, 7.4079, 7.1586



9.8446, 19.6058, 3.5388



0.1807, 0.3524, 0.0878

Inverse Universe

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



30.0100, 29.3492, 35.9832



53.7354, 51.8203, 64.9502



29.4090, 29.1087, 32.8182



6.8851, 6.7469, 8.2458



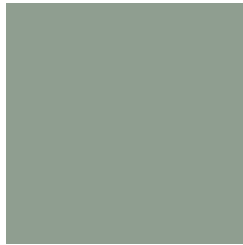
15.5462, 7.5230, 22.9249



0.2831, 0.1366, 0.4369

Previews

White Background



This preview shows how the XYZ color 28.5886, 32.3070, 31.1146 looks on a white background.

Color Contrast Check

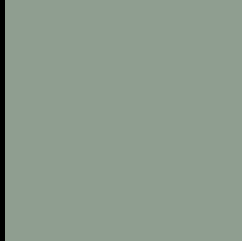
Large Text (above 18pt) WCAG AA × Fail

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 28.5886, 32.3070, 31.1146 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

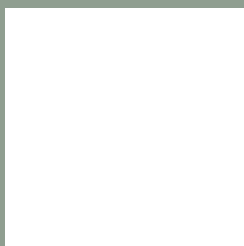
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.5886, 32.3070, 31.1146

Background



This preview shows how black text looks on a background with the XYZ color 28.5886, 32.3070, 31.1146.

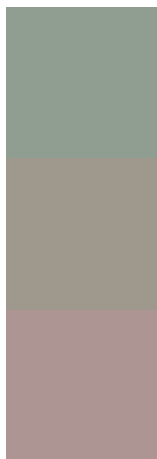


This preview shows how white text looks on a background with the XYZ color 28.5886, 32.3070,

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

28.5886, 32.3070, 31.1146

Protanopia

30.4970, 32.0765, 29.7833

Deuteranopia

32.9490, 32.3409, 31.6999



Tritanopia

30.7290, 32.4358, 41.2003

Trichromacy



Original Color

28.5886, 32.3070, 31.1146

Protanomaly

29.7407, 32.1680, 30.2327

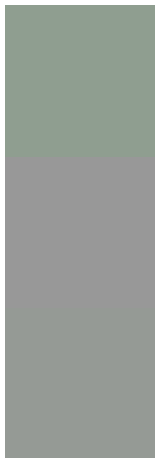
Deuteranomaly

31.0370, 32.0779, 31.3439

Tritanomaly

30.0005, 32.3911, 37.4718

Monochromacy



Original Color

28.5886, 32.3070, 31.1146

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.3748, 31.6707, 32.9986

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5886, 32.3070, 31.1146 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, 158, 144) looks like.

```
.text, #text, p{  
    color:rgb(143, 158, 144)  
}
```

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, 158, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 158, 144) }
```

Border

The CSS property to change the border of an element to XYZ 28.5886, 32.3070, 31.1146 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, 158, 144) }
```


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

```
.border{ border-color:rgb(143, 158, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 158, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 158, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 158, 144);  
box-shadow:4px 4px 4px 4px rgb(143, 158,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5886, 32.3070, 31.1146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 158, 144) }
```

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

```
.background{ background-color: rgb(143,  
158, 144) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor