

Converting Colors

XYZ(28.6013, 31.5248, 30.5696)

Have a look what the booklet for
XYZ(28.6013, 31.5248, 30.5696)
contains.

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Color

**XYZ(28.7119, 31.6289,
30.5783)**

Conversions

Conversions Part 1

Format	Color
Hex	939B8F
RGB	147, 155, 143
RGB Percent	58%, 61%, 56%
CMY	0.4235, 0.3921, 0.4392
CMYK	0.05, 0.00, 0.08, 0.39
HSL	100°, 6%, 58%
HSV	100°, 8%, 61%
XYZ	28.7119, 31.6289, 30.5783
YIQ	151.2400, -0.9160, -5.4280

Conversions

Conversions Part 2

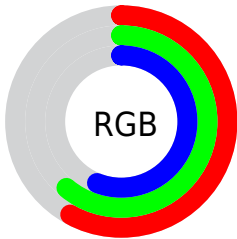
Format	Color
RYB	143, 155, 151
Decimal	9673615
CIELab	63.03, -5.18, 5.29
CIElCh	63, 7.407, 134.371
Yxy	31.6289, 0.3158, 0.3479
Android (android.graphics.Color)	4287863695 (0xFF939B8F)
YUV	151.2400, -4.0623, -3.7185
Hunter-Lab	56.2396, -7.2899, 7.1308

Details

The XYZ color **28.7119, 31.6289, 30.5783** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.5026, 28.5916, 35.0285**, and the grayscale version is **29.5361, 31.0742, 33.8398**.

A 20% lighter version of the original color is **56.9659, 62.0497, 61.7977**, and **11.7500, 13.1777, 12.2802** is the 20% darker color. If you saturate the color by 10%, you get **25.8473, 30.2795, 24.7325**, and if you desaturate by 10%, it is **31.9070, 33.1318, 37.2879**.

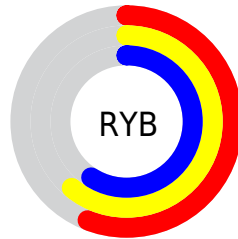
Distribution



Red (58%)

Green (61%)

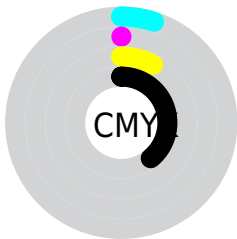
Blue (56%)



Red (56%)

Yellow (61%)

Blue (59%)

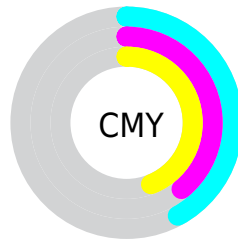


Cyan (5%)

Magenta (0%)

Yellow (8%)

Black (39%)



Cyan (42%)

Magenta (39%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.7119, 31.6289, 30.5783 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 28.7119, 31.6289, 30.5783 by changing the saturation by 10% instead.

■ 28.7119, 31.6289,
30.5783

■ 28.7119, 31.6289,
30.5783

287.8720,
309.4253, 318.8816

■ 19.0062, 21.0782,
20.0222

■ 57.0198, 62.2289,
61.6473

■ 11.7788, 13.1812,
12.2269

■ 76.3526, 83.0469,
82.9973

■ 6.6643, 7.5534,
6.7740

99.6252, 108.0562,
108.7823

■ 3.2975, 3.8106,
3.2449

127.2029,
137.6412, 139.4208

■ 1.3130, 1.5682,
1.2210

159.4511,
172.1862, 175.3315

■ 0.1929, 0.3360,
0.0000

196.7351,

■ 0.0000, 0.0000,

212.0756, 216.9329

0.0000

239.4203,
257.6938, 264.6434

■ 28.7119, 31.6289,
30.5783

■ 28.7119, 31.6289,
30.5783

■ 25.8473, 30.2795,
24.7325

■ 31.9070, 33.1318,
37.2879

■ 23.2997, 29.0746,
19.7133

■ 35.4406, 34.7887,
44.8923

■ 21.0584, 28.0104,
15.4841

■ 39.3233, 36.6055,
53.4235

■ 19.1108, 27.0815,
12.0045

■ 43.5648, 38.5865,
62.9111

■ 17.4439, 26.2818,
9.2307

■ 48.1741, 40.7357,
73.3837

■ 16.0432, 25.6051,
7.1142

■ 53.1602, 43.0571,
84.8685

■ 14.8928, 25.0444,
5.6005

■ 58.5315, 45.5544,
97.3916

■ 13.9748, 24.5917,
4.6261

■ 62.3025, 47.4340,
100.4797

■ 13.2617, 24.2355,
4.0794

■ 65.7122, 49.1918,
100.6393

Harmonies

Analogous

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



29.5783, 31.6289, 29.2801



28.7119, 31.6289, 30.5783



28.2133, 31.6289, 32.9476

Triad

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



28.7119, 31.6289, 30.5783



29.5372, 31.6289, 40.1344



32.0020, 31.6289, 33.0635

Complementary

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



28.7119, 31.6289, 30.5783



28.5026, 28.5916, 35.0285

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.



31.9904, 31.6289, 35.9737



28.7119, 31.6289, 30.5783



30.5516, 31.6289, 40.1697

Square

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



28.7119, 31.6289, 30.5783



28.6824, 31.6289, 38.5165



31.4544, 31.6289, 38.6106



31.4858, 31.6289, 30.6590

Rectangle

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



28.7119, 31.6289, 30.5783



28.1493, 31.6289, 34.8682



31.4544, 31.6289, 38.6106



32.0601, 31.6289, 34.0123

Sweetspot

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



28.7128, 31.6303, 30.5790



54.6086, 58.1438, 61.4213



29.5434, 31.0863, 30.4302



12.3763, 13.1680, 13.9358



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.



28.7128, 31.6303, 30.5790



50.6483, 56.2807, 53.1681



28.1608, 31.3280, 31.3514



6.3165, 7.0206, 6.6280



10.5749, 19.4274, 3.1925



0.1939, 0.3089, 0.0494

Inverse Universe

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



28.5026, 28.5916, 35.0285



50.2064, 49.8937, 62.5206



29.0910, 28.9142, 34.1862



6.2611, 6.2205, 7.7996



9.3183, 4.2548, 25.2378



0.1775, 0.0833, 0.3791

Previews

White Background



This preview shows how the XYZ color 28.7119, 31.6289, 30.5783 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 28.7119, 31.6289, 30.5783 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 28.7119, 31.6289, 30.5783

Background



This preview shows how black text looks on a background with the XYZ color 28.7119, 31.6289, 30.5783.



This preview shows how white text looks on a background with the XYZ color 28.7119, 31.6289,

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

28.7119, 31.6289, 30.5783

Protanopia

30.1365, 31.6487, 29.7197

Deuteranopia

32.1221, 31.4578, 31.1670



Tritanopia

30.5068, 31.6208, 39.6175

Trichromacy



Original Color

28.7119, 31.6289, 30.5783

Protanomaly

29.6001, 31.6055, 30.1316

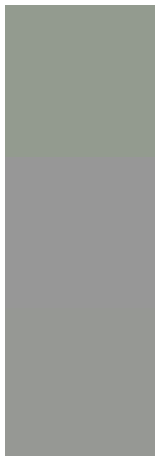
Deuteranomaly

30.8407, 31.5077, 30.8417

Tritanomaly

29.7864, 31.5723, 35.9766

Monochromacy



Original Color

28.7119, 31.6289, 30.5783

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.1512, 31.0786, 32.4793

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.7119, 31.6289, 30.5783 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(147, 155, 143) looks like.

```
.text, #text, p{  
    color:rgb(147, 155, 143)  
}
```

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(147, 155, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 155, 143) }
```

Border

The CSS property to change the border of an element to XYZ 28.7119, 31.6289, 30.5783 is called "border". The border property can be set on classes, ids or directly on the HTML element.

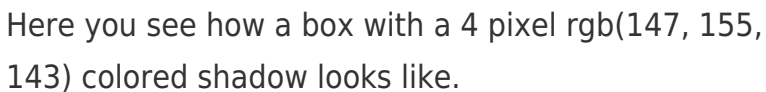
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(147, 155, 143) }
```


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

```
.border{ border-color:rgb(147, 155, 143) }
```

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



Here you see how a box with a 4 pixel `rgb(147, 155, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(147, 155, 143); -webkit-box-shadow:4px 4px 4px 4px rgb(147, 155, 143); box-shadow:4px 4px 4px 4px rgb(147, 155, 143) }
```

Background

The CSS property to change the background color of an element to XYZ 28.7119, 31.6289, 30.5783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 155, 143) }
```

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

```
.background{ background-color: rgb(147,  
155, 143) }
```

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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