

Converting Colors

XYZ(27.6992, 31.3620, 30.4042)

Have a look what the booklet for
XYZ(27.6992, 31.3620, 30.4042)
contains.

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Color

**XYZ(27.6616, 31.3356,
30.5770)**

Conversions

Conversions Part 1

Format	Color
Hex	8C9C8F
RGB	140, 156, 143
RGB Percent	55%, 61%, 56%
CMY	0.4510, 0.3882, 0.4392
CMYK	0.10, 0.00, 0.08, 0.39
HSL	131°, 7%, 58%
HSV	131°, 10%, 61%
XYZ	27.6616, 31.3356, 30.5770
YIQ	149.7340, -5.3630, -7.4350

Conversions

Conversions Part 2

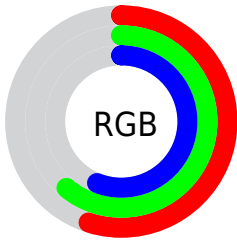
Format	Color
RYB	140, 153, 156
Decimal	9215119
CIELab	62.79, -8.26, 4.87
CIELCh	63, 9.595, 149.472
Yxy	31.3356, 0.3088, 0.3498
Android (android.graphics.Color)	4287405199 (0xFF8C9C8F)
YUV	149.7340, -3.3199, -8.5367
Hunter-Lab	55.9782, -9.7562, 6.7987

Details

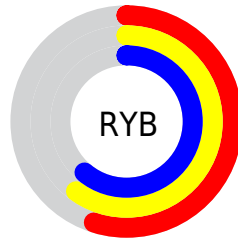
The XYZ color **27.6616, 31.3356, 30.5770** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.8393, 28.1247, 34.0472**, and the grayscale version is **28.8927, 30.3974, 33.1027**.

A 20% lighter version of the original color is **55.3728, 61.5937, 61.7936**, and **11.2438, 13.0671, 12.2855** is the 20% darker color. If you saturate the color by 10%, you get **24.3104, 29.7137, 25.6878**, and if you desaturate by 10%, it is **31.4958, 33.1958, 36.0566**.

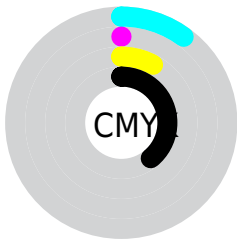
Distribution



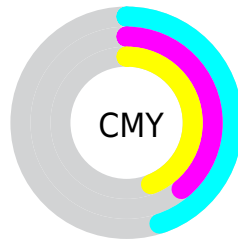
- Red (55%)
- Green (61%)
- Blue (56%)



- Red (55%)
- Yellow (60%)
- Blue (61%)



- Cyan (10%)
- Magenta (0%)
- Yellow (8%)
- Black (39%)



- Cyan (45%)
- Magenta (39%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.6616, 31.3356, 30.5770 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 27.6616, 31.3356, 30.5770 by changing the saturation by 10% instead.

■ 27.6616, 31.3356,
30.5770

■ 27.6616, 31.3356,
30.5770

282.9559,
308.0815, 318.8754

■ 18.2099, 20.8545,
20.0212

■ 55.3561, 61.7681,
61.6452

■ 11.2014, 13.0177,
12.2262

■ 74.3297, 82.4882,
82.9947

■ 6.2707, 7.4407,
6.7735

■ 97.2079, 107.3902,
108.7792

■ 3.0526, 3.7392,
3.2446

124.3560,
136.8585, 139.4173

■ 1.1816, 1.5288,
1.2208

156.1396,
171.2773, 175.3274

■ 0.0918, 0.3089,
0.0000

192.9238,

■ 0.0000, 0.0000,

211.0311, 216.9281

0.0000

235.0741,
256.5044, 264.6379

■ 27.6616, 31.3356,
30.5770

■ 27.6616, 31.3356,
30.5770

■ 24.3104, 29.7137,
25.6878

■ 31.4958, 33.1958,
36.0566

■ 21.4204, 28.3164,
21.3673

■ 35.8284, 35.2991,
42.1432

■ 18.9720, 27.1352,
17.5953

■ 40.6776, 37.6554,
48.8554

■ 16.9431, 26.1590,
14.3500

■ 46.0596, 40.2727,
56.2104

■ 15.3097, 25.3759,
11.6077

■ 51.9901, 43.1587,
64.2246

■ 14.0454, 24.7730,
9.3433

■ 58.4840, 46.3209,
72.9141

■ 13.1204, 24.3353,
7.5292

■ 65.5558, 49.7663,
82.2940

■ 12.5001, 24.0457,
6.1352

■ 69.5200, 51.5946,
92.2062

■ 12.1140, 23.8681,
5.1471

■ 71.1791, 52.2582,
100.9430

Harmonies

Analogous

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



28.5587, 31.3356, 28.2042



27.6616, 31.3356, 30.5770



27.3299, 31.3356, 34.0526

Triad

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



27.6616, 31.3356, 30.5770



29.7603, 31.3356, 41.8710



32.0357, 31.3356, 30.6844

Complementary

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



27.6616, 31.3356, 30.5770



28.8393, 28.1247, 34.0472

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.



32.3798, 31.3356, 34.1858



27.6616, 31.3356, 30.5770



31.0429, 31.3356, 40.8081

Square

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



27.6616, 31.3356, 30.5770



28.5196, 31.3356, 40.7331



32.0113, 31.3356, 37.9248



31.0843, 31.3356, 28.2629

Rectangle

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



27.6616, 31.3356, 30.5770



27.4664, 31.3356, 36.5863



32.0113, 31.3356, 37.9248



32.2275, 31.3356, 31.7655

Sweetspot

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



27.6625, 31.3369, 30.5777



55.1619, 59.3000, 62.5882



29.7729, 32.4508, 29.5057



12.0168, 12.9898, 13.5995



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.



27.6625, 31.3369, 30.5777



48.9669, 56.2968, 53.6931



28.2852, 31.5860, 33.8569



6.5990, 7.4204, 7.3232



9.9877, 19.6630, 4.2921



0.1908, 0.3565, 0.1411

Inverse Universe

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



28.8393, 28.1247, 34.0472



51.4829, 49.4290, 61.1104



28.2054, 27.8712, 30.7088



6.8508, 6.7332, 8.0654



14.4471, 7.0834, 17.1373



0.2710, 0.1317, 0.3730

Previews

White Background



This preview shows how the XYZ color 27.6616, 31.3356, 30.5770 looks on a white background.

Color Contrast Check

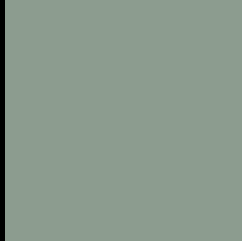
Large Text (above 18pt) WCAG AA × Fail

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 27.6616, 31.3356, 30.5770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

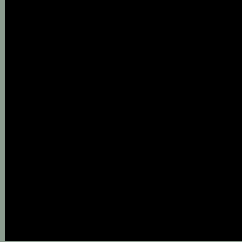
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.6616, 31.3356, 30.5770

Background



This preview shows how black text looks on a background with the XYZ color 27.6616, 31.3356, 30.5770.

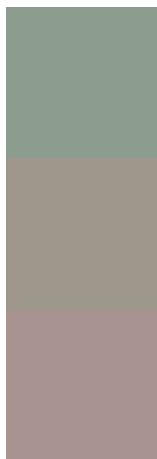


This preview shows how white text looks on a background with the XYZ color 27.6616, 31.3356,

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

27.6616, 31.3356, 30.5770

Protanopia

29.7049, 31.1948, 29.2665

Deuteranopia

31.9067, 31.3468, 31.1569



Tritanopia

29.6844, 31.4284, 40.0991

Trichromacy



Original Color

27.6616, 31.3356, 30.5770

Protanomaly

28.9614, 31.2849, 29.7115

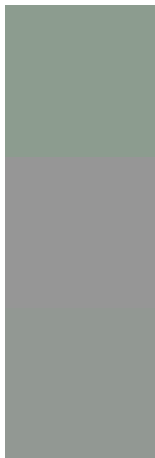
Deuteranomaly

30.0409, 31.0954, 30.8042

Tritanomaly

28.9691, 31.3852, 36.4294

Monochromacy



Original Color

27.6616, 31.3356, 30.5770

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

28.3488, 30.6740, 32.0303

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6616, 31.3356, 30.5770 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(140, 156, 143)` looks like.

```
.text, #text, p{  
    color:rgb(140, 156, 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(140, 156, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 156, 143) }
```

Border

The CSS property to change the border of an element to XYZ 27.6616, 31.3356, 30.5770 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(140, 156, 143) }
```


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

```
.border{ border-color:rgb(140, 156, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 156, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 156, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 156, 143);  
box-shadow:4px 4px 4px 4px rgb(140, 156,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6616, 31.3356, 30.5770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 156, 143) }
```

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

```
.background{ background-color: rgb(140,  
156, 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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