

Converting Colors

XYZ(28.0963, 27.2204, 30.6121)

Have a look what the booklet for
XYZ(28.0963, 27.2204, 30.6121)
contains.

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Color

**XYZ(27.9611, 27.1038,
30.5459)**

Conversions

Conversions Part 1

Format	Color
Hex	9D8991
RGB	157, 137, 145
RGB Percent	62%, 54%, 57%
CMY	0.3843, 0.4627, 0.4314
CMYK	0.00, 0.13, 0.08, 0.38
HSL	336°, 9%, 58%
HSV	336°, 13%, 62%
XYZ	27.9611, 27.1038, 30.5459
YIQ	143.8920, 9.3520, 6.7280

Conversions

Conversions Part 2

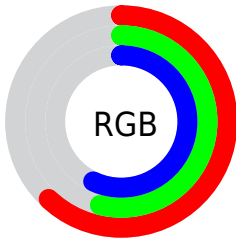
Format	Color
R _Y B	157, 137, 145
Decimal	10324369
CIE Lab	59.07, 8.96, -1.49
CIE LCh	59, 9.084, 350.527
Yxy	27.1038, 0.3266, 0.3166
Android (android.graphics.Color)	4288514449 (0xFF9D8991)
YUV	143.8920, 0.5462, 11.4957
Hunter-Lab	52.0613, 4.7615, 1.6557

Details

The XYZ color **27.9611, 27.1038, 30.5459** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.7994, 31.6029, 33.0701**, and the grayscale version is **26.4617, 27.8398, 30.3175**.

A 20% lighter version of the original color is **55.8736, 54.9475, 61.6939**, and **11.4176, 10.7068, 12.2913** is the 20% darker color. If you saturate the color by 10%, you get **25.1932, 22.6825, 26.1865**, and if you desaturate by 10%, it is **31.1156, 32.2011, 35.3320**.

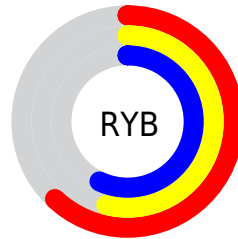
Distribution



Red (62%)

Green (54%)

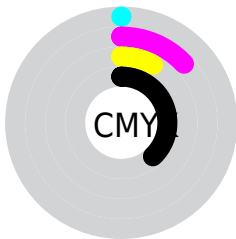
Blue (57%)



Red (62%)

Yellow (54%)

Blue (57%)

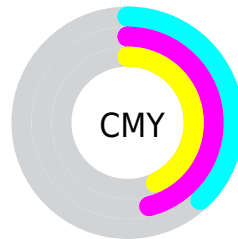


Cyan (0%)

Magenta (13%)

Yellow (8%)

Black (38%)



Cyan (38%)

Magenta (46%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.9611, 27.1038, 30.5459 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 27.9611, 27.1038, 30.5459 by changing the saturation by 10% instead.

■ 27.9611, 27.1038,
30.5459

■ 27.9611, 27.1038,
30.5459

284.3644,
288.1594, 318.7270

■ 18.4366, 17.6512,
19.9978

■ 55.8314, 55.0504,
61.5956

■ 11.3655, 10.6999,
12.2093

■ 74.9080, 74.3132,
82.9342

■ 6.3823, 5.8654,
6.7621

■ 97.8993, 97.6148,
108.7068

■ 3.1218, 2.7634,
3.2376

125.1707,
125.3396, 139.3317

■ 1.2185, 1.0095,
1.2172

157.0875,
157.8721, 175.2277

■ 0.1209, 0.0000,
0.0000

194.0152,

■ 0.0000, 0.0000,

195.5966, 216.8132

0.0000

236.3191,
238.8976, 264.5068

■ 27.9611, 27.1038,
30.5459

■ 27.9611, 27.1038,
30.5459

■ 25.1932, 22.6825,
26.1865

■ 31.1156, 32.2011,
35.3320

■ 22.7942, 18.9052,
22.2399

■ 34.6688, 37.9976,
40.5550

■ 20.7482, 15.7425,
18.6937

■ 38.6354, 44.5199,
46.2267

■ 19.0376, 13.1612,
15.5341

■ 43.0283, 51.7920,
52.3578

■ 17.6429, 11.1252,
12.7466

■ 47.8602, 59.8368,
58.9590

■ 16.5426, 9.5941,
10.3155

■ 53.1429, 68.6765,
66.0402

■ 15.7122, 8.5220,
8.2237

■ 58.8879, 78.3319,
73.6114

■ 15.1229, 7.8544,
6.4523

■ 62.6323, 83.8752,
80.8572

■ 14.7960, 7.5246,
5.3440

■ 63.9186, 84.3897,
87.6308

Harmonies

Analogous

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



27.4726, 27.1038, 33.6402



27.9611, 27.1038, 30.5459



27.8470, 27.1038, 27.3859

Triad

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



27.9611, 27.1038, 30.5459



25.0081, 27.1038, 24.0666



24.4066, 27.1038, 34.5722

Complementary

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



27.9611, 27.1038, 30.5459



27.7994, 31.6029, 33.0701

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.



23.7825, 27.1038, 31.7442



27.9611, 27.1038, 30.5459



24.1227, 27.1038, 25.7351

Square

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



27.9611, 27.1038, 30.5459



26.1201, 27.1038, 23.7972



23.6801, 27.1038, 28.5006



25.4059, 27.1038, 36.0741

Rectangle

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



27.9611, 27.1038, 30.5459



27.4458, 27.1038, 25.6553



23.6801, 27.1038, 28.5006



24.1472, 27.1038, 33.7359

Sweetspot

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



27.9619, 27.1050, 30.5465



54.9265, 56.3734, 62.0820



27.4269, 26.7166, 35.6098



11.9942, 12.2554, 13.5226



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.



27.9619, 27.1050, 30.5465



48.7466, 46.4079, 52.6409



27.6535, 27.4407, 27.5075



6.7375, 6.6879, 7.4686



12.0343, 6.1183, 4.4317



0.2354, 0.1175, 0.1860

Inverse Universe

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



27.9619, 27.1050, 30.5465



48.7466, 46.4079, 52.6409



28.1245, 31.1960, 36.4376



6.7375, 6.6879, 7.4686



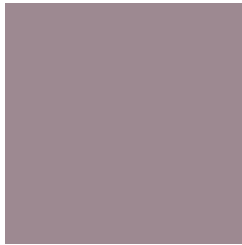
12.0343, 6.1183, 4.4317



0.2354, 0.1175, 0.1860

Previews

White Background



This preview shows how the XYZ color 27.9611, 27.1038, 30.5459 looks on a white background.

Color Contrast Check

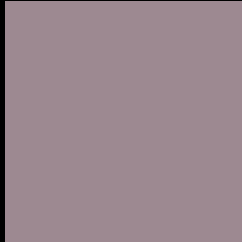
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.9611, 27.1038, 30.5459 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 × Fail

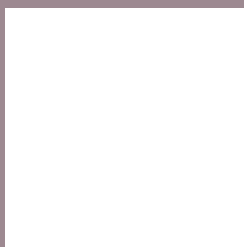
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.9611, 27.1038, 30.5459

Background



This preview shows how black text looks on a background with the XYZ color 27.9611, 27.1038, 30.5459.



This preview shows how white text looks on a background with the XYZ color 27.9611, 27.1038,

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

27.9611, 27.1038, 30.5459

Protanopia

26.1979, 27.0275, 31.8530

Deuteranopia

27.7169, 27.1899, 30.5754



Tritanopia

28.1167, 27.1660, 31.3654

Trichromacy



Original Color

27.9611, 27.1038, 30.5459

Protanomaly

26.8573, 27.1587, 31.4304

Deuteranomaly

27.9096, 27.2892, 30.5844

Tritanomaly

28.0386, 27.1347, 30.9539

Monochromacy



Original Color

27.9611, 27.1038, 30.5459

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.9533, 27.4529, 30.2639

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9611, 27.1038, 30.5459 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(157, 137, 145)` looks like.

```
.text, #text, p{  
    color:rgb(157, 137, 145)  
}
```

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(157, 137, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 137, 145) }
```

Border

The CSS property to change the border of an element to XYZ 27.9611, 27.1038, 30.5459 is called "border". The border property can be set on classes, ids or directly on the HTML element.

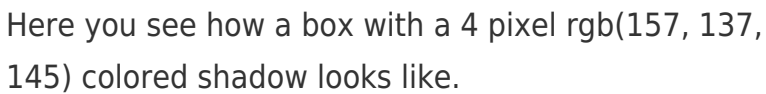
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 137, 145) }
```


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

```
.border{ border-color:rgb(157, 137, 145) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 137, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 137, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 137, 145); box-shadow:4px 4px 4px 4px rgb(157, 137, 145) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9611, 27.1038, 30.5459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 137, 145) }
```

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

```
.background{ background-color: rgb(157,  
137, 145) }
```

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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