

Converting Colors

XYZ(27.9746, 27.6137, 27.1481)

Have a look what the booklet for
XYZ(27.9746, 27.6137, 27.1481)
contains.

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Color

**XYZ(27.9746, 27.6137,
27.1481)**

Conversions

Conversions Part 1

Format	Color
Hex	9F8B88
RGB	159, 139, 136
RGB Percent	62%, 55%, 53%
CMY	0.3765, 0.4549, 0.4667
CMYK	0.00, 0.13, 0.14, 0.38
HSL	8°, 11%, 58%
HSV	8°, 14%, 62%
XYZ	27.9746, 27.6137, 27.1481
YIQ	144.6380, 12.8830, 3.3070

Conversions

Conversions Part 2

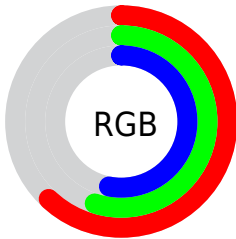
Format	Color
R _Y B	159, 139, 136
Decimal	10455944
CIE Lab	59.54, 7.00, 4.36
CIE LCh	60, 8.243, 31.919
Yxy	27.6137, 0.3381, 0.3338
Android (android.graphics.Color)	4288646024 (0xFF9F8B88)
YUV	144.6380, -4.2585, 12.5955
Hunter-Lab	52.5487, 3.0651, 6.1533

Details

The XYZ color **27.9746, 27.6137, 27.1481** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.2996, 31.5137, 37.3923**, and the grayscale version is **26.7805, 28.1751, 30.6827**.

A 20% lighter version of the original color is **55.7665, 55.6695, 55.9502**, and **11.3155, 10.9424, 10.3198** is the 20% darker color. If you saturate the color by 10%, you get **25.0509, 23.4423, 21.0059**, and if you desaturate by 10%, it is **31.3207, 32.3609, 34.2588**.

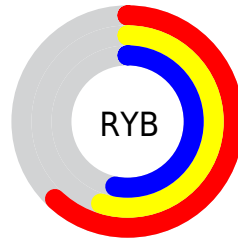
Distribution



Red (62%)

Green (55%)

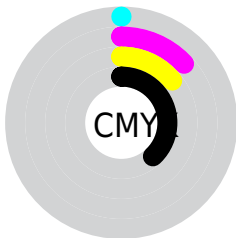
Blue (53%)



Red (62%)

Yellow (55%)

Blue (53%)

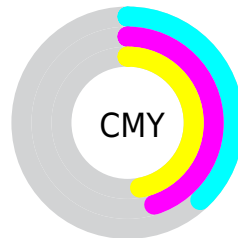


Cyan (0%)

Magenta (13%)

Yellow (14%)

Black (38%)



Cyan (38%)


Magenta (45%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.9746, 27.6137, 27.1481 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 27.9746, 27.6137, 27.1481 by changing the saturation by 10% instead.


 27.9746, 27.6137,
27.1481


 27.9746, 27.6137,
27.1481


284.4278,
290.6164, 302.1563


 18.4469, 18.0347,
17.4511


 55.8528, 55.8671,
56.1281

 11.3729, 10.9749,
10.3913


 74.9340, 75.3103,
76.2480

 6.3874, 6.0499,
5.5502


 97.9304, 98.8102,
100.6794

 3.1249, 2.8755,
2.5092

125.2074,
126.7514, 129.8408

 1.2202, 1.0671,
0.8450

157.1302,
159.5183, 164.1506

 0.1222, 0.0000,
0.0000

194.0643,

 0.0000, 0.0000,

197.4951, 204.0274

0.0000

236.3751,
241.0664, 249.8898

■ 27.9746, 27.6137,
27.1481

■ 27.9746, 27.6137,
27.1481

■ 25.0509, 23.4423,
21.0059

■ 31.3207, 32.3609,
34.2588

■ 22.5304, 19.8212,
15.7887

■ 35.1026, 37.7009,
42.3756

■ 20.3961, 16.7285,
11.4519

■ 39.3362, 43.6543,
51.5362

■ 18.6287, 14.1394,
7.9470

■ 44.0357, 50.2399,
61.7759

■ 17.2072, 12.0271,
5.2205

■ 49.2147, 57.4756,
73.1282

■ 16.1085, 10.3624,
3.2126

■ 54.8864, 65.3785,
85.6253

■ 15.3068, 9.1125,
1.8550

■ 61.0633, 73.9652,
99.2981

■ 14.7715, 8.2404,
1.0647

■ 66.4087, 82.7120,
107.0726

■ 14.5619, 7.8985,
0.7571

■ 68.1082, 86.1110,
107.6391

Harmonies

Analogous

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



28.2891, 27.6137, 29.8759



27.9746, 27.6137, 27.1481



27.1956, 27.6137, 25.3058

Triad

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



27.9746, 27.6137, 27.1481



24.5263, 27.6137, 27.4586



26.3128, 27.6137, 36.1409

Complementary

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



27.9746, 27.6137, 27.1481



28.2996, 31.5137, 37.3923

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.



25.3188, 27.6137, 35.3900



27.9746, 27.6137, 27.1481



24.3037, 27.6137, 30.2582

Square

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



27.9746, 27.6137, 27.1481



25.2061, 27.6137, 25.4766



24.5901, 27.6137, 33.1872



27.3141, 27.6137, 35.1773

Rectangle

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



27.9746, 27.6137, 27.1481



26.5272, 27.6137, 24.7612



24.5901, 27.6137, 33.1872



25.9668, 27.6137, 36.0804

Sweetspot

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



27.9754, 27.6149, 27.1487



56.3408, 58.3070, 61.8853



29.1301, 27.3907, 35.3451



12.5982, 12.9984, 13.7303



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.



27.9754, 27.6149, 27.1487



48.5284, 47.2165, 45.3026



29.6779, 31.0201, 27.7162



6.6994, 6.7789, 6.9410



11.5200, 6.2756, 0.6041



0.2236, 0.1475, 0.0167

Inverse Universe

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



28.2996, 31.5137, 37.3923



49.2098, 55.4150, 66.8460



26.5091, 27.9326, 36.7955



6.7479, 7.3617, 8.4720



12.1700, 16.4316, 28.4374



0.2362, 0.3310, 0.5147

Previews

White Background



This preview shows how the XYZ color 27.9746, 27.6137, 27.1481 looks on a white background.

Color Contrast Check

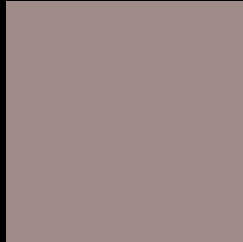
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.9746, 27.6137, 27.1481 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 27.9746, 27.6137, 27.1481

Background



This preview shows how black text looks on a background with the XYZ color 27.9746, 27.6137, 27.1481.



This preview shows how white text looks on a background with the XYZ color 27.9746, 27.6137,

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

27.9746, 27.6137, 27.1481

Protanopia

26.4425, 27.6829, 27.9944

Deuteranopia

28.1738, 27.7164, 27.1574



Tritanopia

28.9889, 27.6065, 31.8177

Trichromacy



Original Color

27.9746, 27.6137, 27.1481

Protanomaly

26.9509, 27.7315, 27.5992

Deuteranomaly

28.1738, 27.7164, 27.1574

Tritanomaly

28.6197, 27.6642, 30.2169

Monochromacy



Original Color

27.9746, 27.6137, 27.1481

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.2826, 28.0819, 29.5736

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9746, 27.6137, 27.1481 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(159, 139, 136)` looks like.

```
.text, #text, p{  
    color:rgb(159, 139, 136)  
}
```

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(159, 139, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 139, 136) }
```

Border

The CSS property to change the border of an element to XYZ 27.9746, 27.6137, 27.1481 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(159, 139, 136) }
```


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

```
.border{ border-color:rgb(159, 139, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 139, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 139, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 139, 136);  
box-shadow:4px 4px 4px 4px rgb(159, 139,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9746, 27.6137, 27.1481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 139, 136) }
```

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

```
.background{ background-color: rgb(159,  
139, 136) }
```

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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