

Converting Colors

XYZ(27.6256, 27.0412, 27.5030)

Have a look what the booklet for
XYZ(27.6256, 27.0412, 27.5030)
contains.

XYZ(27.5616, 26.9666, 27.4193)	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(27.5616, 26.9666,
27.4193)**

Conversions

Conversions Part 1

Format	Color
Hex	9E8989
RGB	158, 137, 137
RGB Percent	62%, 54%, 54%
CMY	0.3804, 0.4627, 0.4627
CMYK	0.00, 0.13, 0.13, 0.38
HSL	0°, 10%, 58%
HSV	0°, 13%, 62%
XYZ	27.5616, 26.9666, 27.4193
YIQ	143.2790, 12.5160, 4.4520

Conversions

Conversions Part 2

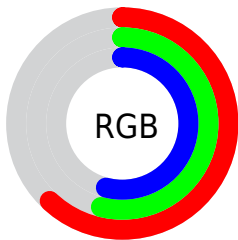
Format	Color
R _Y B	158, 137, 137
Decimal	10389897
CIE Lab	58.94, 7.92, 2.92
CIE LCh	59, 8.435, 20.218
Yxy	26.9666, 0.3363, 0.3291
Android (android.graphics.Color)	4288579977 (0xFF9E8989)
YUV	143.2790, -3.0955, 12.9103
Hunter-Lab	51.9294, 3.8628, 5.0448

Details

The XYZ color **27.5616, 26.9666, 27.4193** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.7148, 32.2400, 37.0576**, and the grayscale version is **26.2290, 27.5950, 30.0509**.

A 20% lighter version of the original color is **55.1483, 54.6908, 56.3649**, and **11.0724, 10.5687, 10.4732** is the 20% darker color. If you saturate the color by 10%, you get **24.4267, 22.3795, 21.1861**, and if you desaturate by 10%, it is **31.1929, 32.2801, 34.6375**.

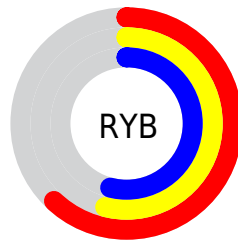
Distribution



Red (62%)

Green (54%)

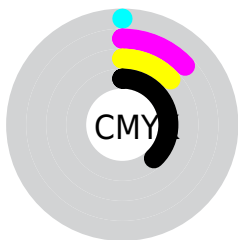
Blue (54%)



Red (62%)

Yellow (54%)

Blue (54%)

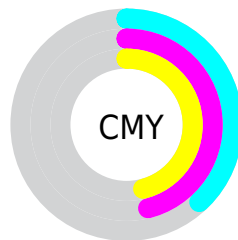


Cyan (0%)

Magenta (13%)

Yellow (13%)

Black (38%)



Cyan (38%)

Magenta (46%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5616, 26.9666, 27.4193 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 27.5616, 26.9666, 27.4193 by changing the saturation by 10% instead.

■ 27.5616, 26.9666,
27.4193

■ 27.5616, 26.9666,
27.4193

282.4843,
287.4954, 303.5058

■ 18.1342, 17.5481,
17.6532

■ 55.1973, 54.8303,
56.5679

■ 11.1467, 10.6261,
10.5344

■ 74.1363, 74.0443,
76.7874

■ 6.2336, 5.8160,
5.6445

■ 96.9766, 97.2922,
101.3284

■ 3.0296, 2.7335,
2.5649

124.0835,
124.9586, 130.6096

■ 1.1695, 0.9942,
0.8742

155.8224,
157.4276, 165.0493

■ 0.0820, 0.0000,
0.0000

192.5586,

■ 0.0000, 0.0000,

195.0839, 205.0663

0.0000

234.6574,
238.3116, 251.0789

■ 27.5616, 26.9666,
27.4193

■ 27.5616, 26.9666,
27.4193

■ 24.4267, 22.3795,
21.1861

■ 31.1929, 32.2801,
34.6375

■ 21.7644, 18.4839,
15.8935

■ 35.3383, 38.3459,
42.8790

■ 19.5526, 15.2474,
11.4965

■ 40.0177, 45.1930,
52.1821

■ 17.7663, 12.6335,
7.9455

■ 45.2490, 52.8477,
62.5827

■ 16.3783, 10.6023,
5.1863

■ 51.0496, 61.3352,
74.1149

■ 15.3579, 9.1092,
3.1581

■ 57.4357, 70.6795,
86.8114

■ 14.6704, 8.1031,
1.7917

■ 64.4232, 80.9037,
100.7036

■ 14.2742, 7.5232,
1.0044

■ 67.9107, 86.0092,
107.6299

■ 14.1009, 7.2697,
0.6600

Harmonies

Analogous

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



27.6609, 26.9666, 30.3499



27.5616, 26.9666, 27.4193



26.9373, 26.9666, 25.1610

Triad

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



27.5616, 26.9666, 27.4193



24.1187, 26.9666, 25.8342



25.2913, 26.9666, 35.4011

Complementary

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



27.5616, 26.9666, 27.4193



28.7148, 32.2400, 37.0576

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.



24.3675, 26.9666, 34.0064



27.5616, 26.9666, 27.4193



23.7028, 26.9666, 28.3959

Square

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



27.5616, 26.9666, 27.4193



24.9433, 26.9666, 24.2899



23.7926, 26.9666, 31.3945



26.3311, 26.9666, 35.0953

Rectangle

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



27.5616, 26.9666, 27.4193



26.3165, 26.9666, 24.2767



23.7926, 26.9666, 31.3945



24.9574, 26.9666, 35.1121

Sweetspot

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



27.5623, 26.9678, 27.4199



56.0931, 57.8117, 61.8028



29.2181, 27.6294, 36.1411



12.5331, 12.8682, 13.7086



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.



27.5623, 26.9678, 27.4199



48.2390, 46.3192, 46.1883



29.1279, 30.0989, 27.9417



6.6331, 6.6463, 6.9189



11.2933, 5.8223, 0.5286



0.2019, 0.1041, 0.0095

Inverse Universe

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



28.7148, 32.2400, 37.0576



50.7551, 57.8302, 67.2307



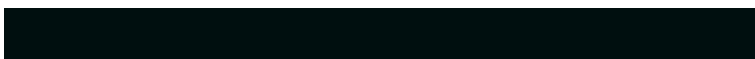
27.0001, 28.8106, 36.4860



6.8218, 7.5093, 8.4966



14.7321, 21.5558, 29.2915



0.2634, 0.3855, 0.5237

Previews

White Background



This preview shows how the XYZ color 27.5616, 26.9666, 27.4193 looks on a white background.

Color Contrast Check

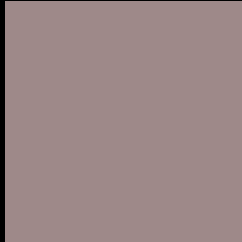
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.5616, 26.9666, 27.4193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

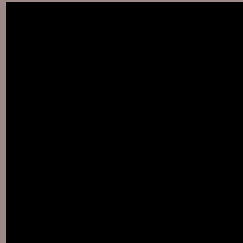
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.5616, 26.9666, 27.4193

Background



This preview shows how black text looks on a background with the XYZ color 27.5616, 26.9666, 27.4193.



This preview shows how white text looks on a background with the XYZ color 27.5616, 26.9666,

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

27.5616, 26.9666, 27.4193

Protanopia

25.8621, 26.9336, 28.2617

Deuteranopia

27.3656, 26.8656, 27.4102



Tritanopia

28.2905, 27.0546, 30.9251

Trichromacy



Original Color

27.5616, 26.9666, 27.4193

Protanomaly

26.5432, 27.0752, 27.8718

Deuteranomaly

27.3656, 26.8656, 27.4102

Tritanomaly

28.0602, 26.9624, 29.7119

Monochromacy



Original Color

27.5616, 26.9666, 27.4193

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.5453, 27.2687, 29.0636

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5616, 26.9666, 27.4193 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(158, 137, 137)` looks like.

```
.text, #text, p{  
    color:rgb(158, 137, 137)  
}
```

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(158, 137, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 137, 137) }
```

Border

The CSS property to change the border of an element to XYZ 27.5616, 26.9666, 27.4193 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(158, 137, 137) }
```


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

```
.border{ border-color:rgb(158, 137, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 137, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 137, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 137, 137);  
box-shadow:4px 4px 4px 4px rgb(158, 137,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5616, 26.9666, 27.4193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 137, 137) }
```

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

```
.background{ background-color: rgb(158,  
137, 137) }
```

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