

Converting Colors

XYZ(26.7897, 27.7126, 29.3990)

Have a look what the booklet for
XYZ(26.7897, 27.7126, 29.3990)
contains.

XYZ(26.7682, 27.5949, 29.5067)	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(26.7682, 27.5949,
29.5067)**

Conversions

Conversions Part 1

Format	Color
Hex	948E8E
RGB	148, 142, 142
RGB Percent	58%, 56%, 56%
CMY	0.4196, 0.4431, 0.4431
CMYK	0.00, 0.04, 0.04, 0.42
HSL	0°, 3%, 57%
HSV	0°, 4%, 58%
XYZ	26.7682, 27.5949, 29.5067
YIQ	143.7940, 3.5760, 1.2720

Conversions

Conversions Part 2

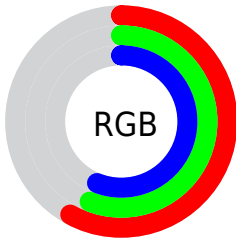
Format	Color
RYB	148, 142, 142
Decimal	9735822
CIELab	59.52, 2.22, 0.78
CIELCh	60, 2.354, 19.457
Yxy	27.5949, 0.3192, 0.3290
Android (android.graphics.Color)	4287925902 (0xFF948E8E)
YUV	143.7940, -0.8844, 3.6887
Hunter-Lab	52.5308, -0.9705, 3.4683

Details

The XYZ color **26.7682, 27.5949, 29.5067** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.0904, 29.0682, 32.2001**, and the grayscale version is **26.4295, 27.8058, 30.2806**.

A 20% lighter version of the original color is **54.0609, 56.0219, 60.1886**, and **10.6887, 10.9684, 11.6790** is the 20% darker color. If you saturate the color by 10%, you get **23.6733, 23.0666, 23.3520**, and if you desaturate by 10%, it is **30.3044, 32.7688, 36.5371**.

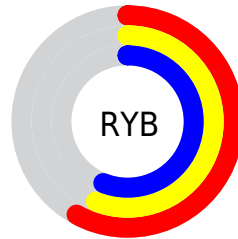
Distribution



Red (58%)

Green (56%)

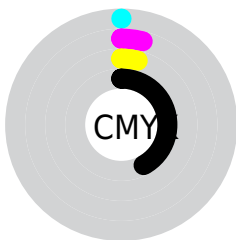
Blue (56%)



Red (58%)

Yellow (56%)

Blue (56%)

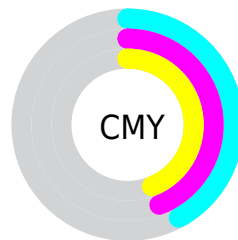


Cyan (0%)

Magenta (4%)

Yellow (4%)

Black (42%)



Cyan (42%)

Magenta (44%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7682, 27.5949, 29.5067 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 26.7682, 27.5949, 29.5067 by changing the saturation by 10% instead.

■ 26.7682, 27.5949,
29.5067

■ 26.7682, 27.5949,
29.5067

278.7211,
290.5261, 313.7337

■ 17.5349, 18.0205,
19.2156

■ 53.9342, 55.8370,
59.9329

■ 10.7142, 10.9647,
11.6478

■ 72.5976, 75.2736,
80.9051

■ 5.9409, 6.0431,
6.3847

■ 95.1351, 98.7663,
106.2748

■ 2.8495, 2.8713,
3.0078

121.9120,
126.6995, 136.4604

■ 1.0747, 1.0649,
1.0986

153.2937,
159.4577, 171.8806

■ 0.0038, 0.0000,
0.0000

189.6455,

■ 0.0000, 0.0000,

197.4253, 212.9538

0.0000

231.3329,
240.9866, 260.0987

■ 26.7682, 27.5949,
29.5067

■ 26.7682, 27.5949,
29.5067

■ 23.6733, 23.0666,
23.3520

■ 30.3044, 32.7688,
36.5371

■ 21.0001, 19.1553,
18.0370

■ 34.2957, 38.6086,
44.4738

■ 18.7312, 15.8353,
13.5260

■ 38.7584, 45.1380,
53.3481

■ 16.8468, 13.0780,
9.7797

■ 43.7072, 52.3785,
63.1890

■ 15.3256, 10.8520,
6.7559

■ 49.1561, 60.3507,
74.0247

■ 14.1443, 9.1233,
4.4079

■ 55.1186, 69.0742,
85.8819

■ 13.2768, 7.8537,
2.6839

■ 61.6077, 78.5681,
98.7865

■ 12.6932, 6.9994,
1.5245

■ 66.0229, 85.0360,
107.5416

■ 12.3573, 6.5076,
0.8575

Harmonies

Analogous

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



26.7914, 27.5949, 30.3453



26.7682, 27.5949, 29.5067



26.5997, 27.5949, 28.8250

Triad

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



26.7682, 27.5949, 29.5067



25.7982, 27.5949, 28.9995



26.1242, 27.5949, 31.6766

Complementary

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



26.7682, 27.5949, 29.5067



27.0904, 29.0682, 32.2001

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.



25.8601, 27.5949, 31.3014



26.7682, 27.5949, 29.5067



25.6728, 27.5949, 29.7490

Square

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



26.7682, 27.5949, 29.5067



26.0391, 27.5949, 28.5359



25.6954, 27.5949, 30.5921



26.4181, 27.5949, 31.6087

Rectangle

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



26.7682, 27.5949, 29.5067



26.4283, 27.5949, 28.5462



25.6954, 27.5949, 30.5921



26.0290, 27.5949, 31.5978

Sweetspot

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



26.7690, 27.5961, 29.5073



49.0413, 51.3385, 55.6610



27.2314, 27.7804, 31.9441



11.2039, 11.7324, 12.7238



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.7690, 27.5961, 29.5073



46.6249, 47.8031, 50.8564



27.2209, 28.5000, 29.6580



6.0703, 6.2098, 6.5928



10.4323, 5.3791, 0.4884



0.1277, 0.0659, 0.0060

Inverse Universe

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



27.0904, 29.0682, 32.2001



47.3336, 51.0485, 56.7932



26.6264, 28.1401, 32.0455



6.1705, 6.6684, 7.4317



13.6024, 19.8996, 27.0551



0.1665, 0.2437, 0.3312

Previews

White Background



This preview shows how the XYZ color 26.7682, 27.5949, 29.5067 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 26.7682, 27.5949, 29.5067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

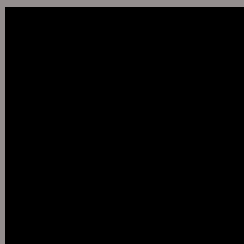
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

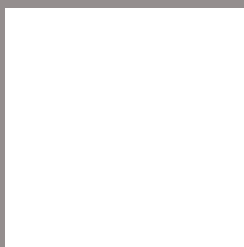
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.7682, 27.5949, 29.5067

Background



This preview shows how black text looks on a background with the XYZ color 26.7682, 27.5949, 29.5067.



This preview shows how white text looks on a background with the XYZ color 26.7682, 27.5949,

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

26.7682, 27.5949, 29.5067

Protanopia

26.5590, 27.7089, 29.5397

Deuteranopia

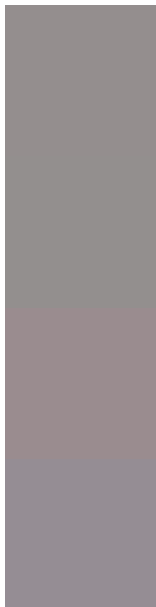
28.0952, 27.6165, 29.8363



Tritanopia

27.5868, 27.7063, 33.5996

Trichromacy



Original Color

26.7682, 27.5949, 29.5067

Protanomaly

26.7376, 27.8010, 29.5481

Deuteranomaly

27.6624, 27.6094, 29.8578

Tritanomaly

27.2646, 27.5774, 31.9030

Monochromacy



Original Color

26.7682, 27.5949, 29.5067

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.4574, 27.6478, 29.9287

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7682, 27.5949, 29.5067 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(148, 142, 142)` looks like.

```
.text, #text, p{  
    color:rgb(148, 142, 142)  
}
```

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(148, 142, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 142, 142) }
```

Border

The CSS property to change the border of an element to XYZ 26.7682, 27.5949, 29.5067 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(148, 142, 142) }
```


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

```
.border{ border-color:rgb(148, 142, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 142, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 142, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 142, 142);  
box-shadow:4px 4px 4px 4px rgb(148, 142,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7682, 27.5949, 29.5067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 142, 142) }
```

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

```
.background{ background-color: rgb(148,  
142, 142) }
```

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