

Converting Colors

XYZ(27.0292, 27.2994, 26.8768)

Have a look what the booklet for
XYZ(27.0292, 27.2994, 26.8768)
contains.

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Color

**XYZ(27.0777, 27.3755,
26.7785)**

Conversions

Conversions Part 1

Format	Color
Hex	9A8C87
RGB	154, 140, 135
RGB Percent	60%, 55%, 53%
CMY	0.3961, 0.4510, 0.4706
CMYK	0.00, 0.09, 0.12, 0.40
HSL	16°, 9%, 57%
HSV	16°, 12%, 60%
XYZ	27.0777, 27.3755, 26.7785
YIQ	143.6160, 9.9490, 1.4130

Conversions

Conversions Part 2

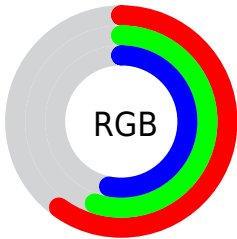
Format	Color
R_{YB}	154, 142, 135
Decimal	10128519
CIE Lab	59.32, 4.34, 4.56
CIE LCh	59, 6.294, 46.378
Yxy	27.3755, 0.3333, 0.3370
Android (android.graphics.Color)	4288318599 (0xFF9A8C87)
YUV	143.6160, -4.2477, 9.1068
Hunter-Lab	52.3216, 0.8153, 6.2802

Details

The XYZ color **27.0777, 27.3755, 26.7785** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.5717, 28.9782, 34.7650**, and the grayscale version is **26.3693, 27.7425, 30.2116**.

A 20% lighter version of the original color is **54.3813, 55.6243, 55.4473**, and **10.8894, 10.8518, 10.1150** is the 20% darker color. If you saturate the color by 10%, you get **24.4980, 23.8273, 20.9505**, and if you desaturate by 10%, it is **29.9868, 31.3307, 33.4907**.

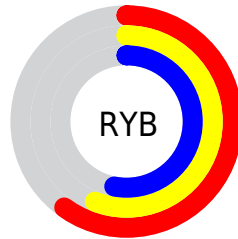
Distribution



Red (60%)

Green (55%)

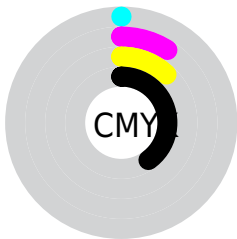
Blue (53%)



Red (60%)

Yellow (56%)

Blue (53%)

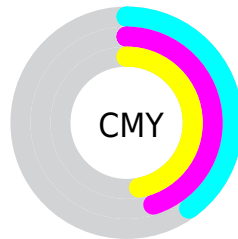


Cyan (0%)

Magenta (9%)

Yellow (12%)

Black (40%)



Cyan (40%)

Magenta (45%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0777, 27.3755, 26.7785 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 27.0777, 27.3755, 26.7785 by changing the saturation by 10% instead.

■ 27.0777, 27.3755,
26.7785

■ 27.0777, 27.3755,
26.7785

280.1938,
289.4707, 300.3092

■ 17.7685, 17.8554,
17.1760

■ 54.4275, 55.4858,
55.5276

■ 10.8826, 10.8462,
10.1968

■ 73.1989, 74.8449,
75.5113

■ 6.0546, 5.9635,
5.4223

■ 95.8549, 98.2524,
99.7925

■ 2.9193, 2.8229,
2.4341

122.7611,
126.0928, 128.7897

■ 1.1112, 1.0400,
0.8049

154.2827,
158.7504, 162.9214

■ 0.0345, 0.0000,
0.0000

190.7851,

■ 0.0000, 0.0000,

196.6097, 202.6062

0.0000

232.6337,
240.0549, 248.2626

■ 27.0777, 27.3755,
26.7785

■ 27.0777, 27.3755,
26.7785

■ 24.4980, 23.8273,
20.9505

■ 29.9868, 31.3307,
33.4907

■ 22.2334, 20.6696,
15.9681

■ 33.2341, 35.7018,
41.1203

■ 20.2722, 17.8897,
11.7920

■ 36.8312, 40.5016,
49.7008

■ 18.6009, 15.4733,
8.3795

■ 40.7883, 45.7417,
59.2634

■ 17.2050, 13.4049,
5.6837

■ 45.1151, 51.4330,
69.8380

■ 16.0684, 11.6678,
3.6525

■ 49.8210, 57.5860,
81.4532

■ 15.1736, 10.2440,
2.2267

■ 54.9151, 64.2108,
94.1365

■ 14.5003, 9.1133,
1.3363

■ 59.8863, 71.1096,
105.1769

■ 14.1041, 8.4251,
0.8828

■ 63.1609, 77.6589,
106.2685

Harmonies

Analogous

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



27.4987, 27.3755, 28.6018



27.0777, 27.3755, 26.7785



26.3776, 27.3755, 25.7903

Triad

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



27.0777, 27.3755, 26.7785



24.5763, 27.3755, 28.7981



26.4487, 27.3755, 34.1620

Complementary

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



27.0777, 27.3755, 26.7785



26.5717, 28.9782, 34.7650

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.



25.6648, 27.3755, 34.2211



27.0777, 27.3755, 26.7785



24.5945, 27.3755, 31.0462

Square

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



27.0777, 27.3755, 26.7785



24.9393, 27.3755, 26.9160



24.9894, 27.3755, 33.0562



27.1306, 27.3755, 32.8985

Rectangle

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



27.0777, 27.3755, 26.7785



25.8518, 27.3755, 25.7040



24.9894, 27.3755, 33.0562



26.1881, 27.3755, 34.3255

Sweetspot

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



27.0785, 27.3767, 26.7791



53.5084, 55.6086, 58.5950



27.4355, 26.3763, 32.1840



12.0229, 12.4669, 13.0575



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.



27.0785, 27.3767, 26.7791



47.7395, 47.7453, 45.3440



28.4870, 30.1937, 27.2486



6.3345, 6.4741, 6.5216



11.5168, 6.9160, 0.7279



0.1988, 0.1566, 0.0197

Inverse Universe

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



26.5717, 28.9782, 34.7650



46.6201, 51.2807, 62.9773



25.1663, 26.1675, 34.2966



6.2469, 6.7512, 7.9028



9.6342, 11.6650, 26.6515



0.1730, 0.2323, 0.4081

Previews

White Background



This preview shows how the XYZ color 27.0777, 27.3755, 26.7785 looks on a white background.

Color Contrast Check

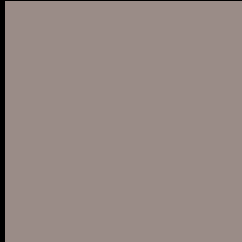
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.0777, 27.3755, 26.7785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

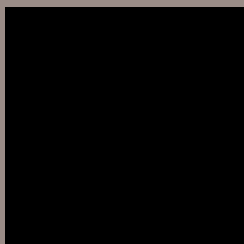
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.0777, 27.3755, 26.7785

Background



This preview shows how black text looks on a background with the XYZ color 27.0777, 27.3755, 26.7785.



This preview shows how white text looks on a background with the XYZ color 27.0777, 27.3755,

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

27.0777, 27.3755, 26.7785

Protanopia

26.1496, 27.3266, 27.1889

Deuteranopia

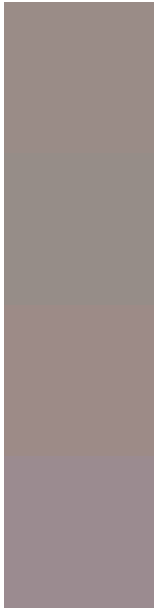
27.7597, 27.2972, 26.7275



Tritanopia

28.2236, 27.4148, 32.2378

Trichromacy



Original Color

27.0777, 27.3755, 26.7785

Protanomaly

26.5465, 27.3114, 27.1650

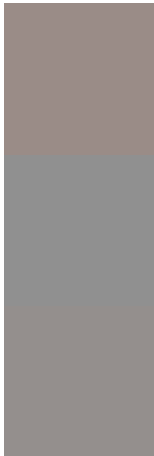
Deuteranomaly

27.5104, 27.3826, 26.7571

Tritanomaly

27.7842, 27.4474, 30.2191

Monochromacy



Original Color

27.0777, 27.3755, 26.7785

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.8429, 27.8639, 29.1628

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0777, 27.3755, 26.7785 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(154, 140, 135)` looks like.

```
.text, #text, p{  
    color:rgb(154, 140, 135)  
}
```

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(154, 140, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 140, 135) }
```

Border

The CSS property to change the border of an element to XYZ 27.0777, 27.3755, 26.7785 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(154, 140, 135) }
```


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

```
.border{ border-color:rgb(154, 140, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 140, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(154, 140, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(154, 140, 135); box-shadow:4px 4px 4px 4px rgb(154, 140, 135) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0777, 27.3755, 26.7785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 140, 135) }
```

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

```
.background{ background-color: rgb(154,  
140, 135) }
```

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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