

Converting Colors

XYZ(27.1739, 26.5852, 27.9647)

Have a look what the booklet for
XYZ(27.1739, 26.5852, 27.9647)
contains.

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Color

**XYZ(27.1747, 26.5403,
28.1166)**

Conversions

Conversions Part 1

Format	Color
Hex	9C888B
RGB	156, 136, 139
RGB Percent	61%, 53%, 55%
CMY	0.3882, 0.4667, 0.4549
CMYK	0.00, 0.13, 0.11, 0.39
HSL	351°, 9%, 57%
HSV	351°, 13%, 61%
XYZ	27.1747, 26.5403, 28.1166
YIQ	142.3220, 10.9570, 5.1730

Conversions

Conversions Part 2

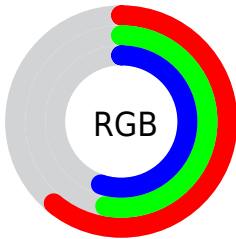
Format	Color
R_{YB}	156, 136, 139
Decimal	10258571
CIE Lab	58.55, 8.07, 1.17
CIE LCh	59, 8.155, 8.241
Yxy	26.5403, 0.3321, 0.3243
Android (android.graphics.Color)	4288448651 (0xFF9C888B)
YUV	142.3220, -1.6377, 11.9956
Hunter-Lab	51.5173, 4.0012, 3.7034

Details

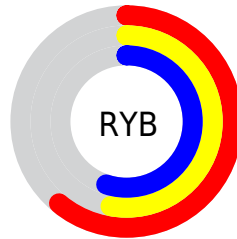
The XYZ color **27.1747, 26.5403, 28.1166** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.7927, 31.3119, 34.7176**, and the grayscale version is **25.8425, 27.1884, 29.6081**.

A 20% lighter version of the original color is **54.5760, 54.0498, 57.4254**, and **10.9567, 10.3801, 10.8773** is the 20% darker color. If you saturate the color by 10%, you get **24.2247, 22.0979, 22.6390**, and if you desaturate by 10%, it is **30.5636, 31.6717, 34.3211**.

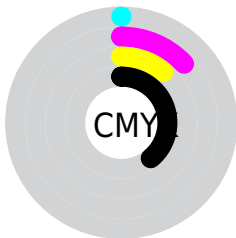
Distribution



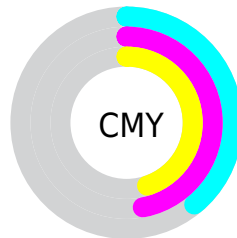
- Red (61%)
- Green (53%)
- Blue (55%)



- Red (61%)
- Yellow (53%)
- Blue (55%)



- Cyan (0%)
- Magenta (13%)
- Yellow (11%)
- Black (39%)



- Cyan (39%)
- Magenta (47%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1747, 26.5403, 28.1166 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 27.1747, 26.5403, 28.1166 by changing the saturation by 10% instead.

■ 27.1747, 26.5403,
28.1166

■ 27.1747, 26.5403,
28.1166

280.6541,
285.4244, 306.9531

■ 17.8417, 17.2283,
18.1738

■ 54.5820, 54.1453,
57.6959

■ 10.9354, 10.3974,
10.9041

■ 73.3870, 73.2071,
78.1694

■ 6.0904, 5.6632,
5.8890

■ 96.0801, 96.2876,
102.9903

■ 2.9413, 2.6414,
2.7100

123.0267,
123.7712, 132.5770

■ 1.1228, 0.9475,
0.9485

154.5920,
156.0422, 167.3481

■ 0.0441, 0.0000,
0.0000

191.1414,

■ 0.0000, 0.0000,

193.4852, 207.7221

0.0000

233.0404,
236.4845, 254.1176

■ 27.1747, 26.5403,
28.1166

■ 27.1747, 26.5403,
28.1166

■ 24.2247, 22.0979,
22.6390

■ 30.5636, 31.6717,
34.3211

■ 21.6934, 18.3117,
17.8600

■ 34.4060, 37.5160,
41.2762

■ 19.5623, 15.1516,
13.7519

■ 38.7187, 44.1002,
49.0063

■ 17.8107, 12.5839,
10.2844

■ 43.5169, 51.4491,
57.5345

■ 16.4161, 10.5714,
7.4251

■ 48.8151, 59.5861,
66.8827

■ 15.3534, 9.0729,
5.1383

■ 54.6273, 68.5336,
77.0722

■ 14.5944, 8.0415,
3.3851

■ 60.9667, 78.3134,
88.1233

■ 14.1057, 7.4213,
2.1209

■ 65.9666, 85.1865,
99.4291

■ 13.8690, 7.1314,
1.4763

■ 67.5205, 85.8080,
107.6116

Harmonies

Analogous

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



27.0519, 26.5403, 30.9853



27.1747, 26.5403, 28.1166



26.7645, 26.5403, 25.6252

Triad

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



27.1747, 26.5403, 28.1166



24.0555, 26.5403, 24.7894



24.5204, 26.5403, 34.3135

Complementary

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



27.1747, 26.5403, 28.1166



27.7927, 31.3119, 34.7176

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.



23.7471, 26.5403, 32.4380



27.1747, 26.5403, 28.1166



23.4837, 26.5403, 26.9064

Square

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



27.1747, 26.5403, 28.1166



24.9515, 26.5403, 23.7888



23.3723, 26.5403, 29.6935



25.5021, 26.5403, 34.6906

Rectangle

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



27.1747, 26.5403, 28.1166



26.2502, 26.5403, 24.4687



23.3723, 26.5403, 29.6935



24.2283, 26.5403, 33.8317

Sweetspot

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



27.1754, 26.5415, 28.1172



54.6910, 56.2792, 60.8417



27.9427, 26.7821, 35.1497



11.9337, 12.2312, 13.2043



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.



27.1754, 26.5415, 28.1172



47.9567, 46.0920, 48.4814



27.9776, 28.4914, 27.3187



6.6716, 6.6615, 7.1216



11.4322, 5.8775, 1.2611



0.2145, 0.1091, 0.0756

Inverse Universe

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



27.1754, 26.5415, 28.1172



47.9567, 46.0920, 48.4814



26.9025, 29.1304, 35.6578



6.6716, 6.6615, 7.1216



11.4322, 5.8775, 1.2611



0.2145, 0.1091, 0.0756

Previews

White Background



This preview shows how the XYZ color 27.1747, 26.5403, 28.1166 looks on a white background.

Color Contrast Check

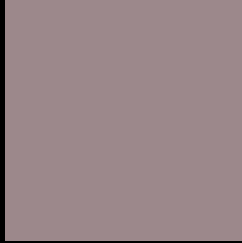
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.1747, 26.5403, 28.1166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

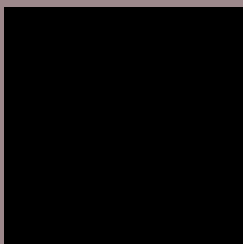
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

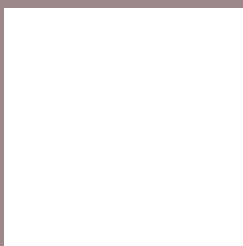
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.1747, 26.5403, 28.1166

Background



This preview shows how black text looks on a background with the XYZ color 27.1747, 26.5403, 28.1166.



This preview shows how white text looks on a background with the XYZ color 27.1747, 26.5403,

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

27.1747, 26.5403, 28.1166

Protanopia

25.5135, 26.5189, 28.9733

Deuteranopia

26.9819, 26.4410, 28.1076



Tritanopia

27.7569, 26.5714, 30.8600

Trichromacy



Original Color

27.1747, 26.5403, 28.1166

Protanomaly

26.1790, 26.6546, 28.5760

Deuteranomaly

26.9819, 26.4410, 28.1076

Tritanomaly

27.5265, 26.4792, 29.6468

Monochromacy



Original Color

27.1747, 26.5403, 28.1166

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.2184, 26.8823, 29.0062

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1747, 26.5403, 28.1166 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(156, 136, 139)` looks like.

```
.text, #text, p{  
    color:rgb(156, 136, 139)  
}
```

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(156, 136, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 136, 139) }
```

Border

The CSS property to change the border of an element to XYZ 27.1747, 26.5403, 28.1166 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(156, 136, 139) }
```


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

```
.border{ border-color:rgb(156, 136, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 136, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 136, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 136, 139);  
box-shadow:4px 4px 4px 4px rgb(156, 136,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1747, 26.5403, 28.1166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 136, 139) }
```

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

```
.background{ background-color: rgb(156,  
136, 139) }
```

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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