

Converting Colors

XYZ(27.5398, 27.8382, 26.4807)

Have a look what the booklet for
XYZ(27.5398, 27.8382, 26.4807)
contains.

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Color

**XYZ(27.5383, 27.8389,
26.4763)**

Conversions

Conversions Part 1

Format	Color
Hex	9C8D86
RGB	156, 141, 134
RGB Percent	61%, 55%, 53%
CMY	0.3882, 0.4470, 0.4745
CMYK	0.00, 0.10, 0.14, 0.39
HSL	19°, 10%, 57%
HSV	19°, 14%, 61%
XYZ	27.5383, 27.8389, 26.4763
YIQ	144.6870, 11.1870, 1.0030

Conversions

Conversions Part 2

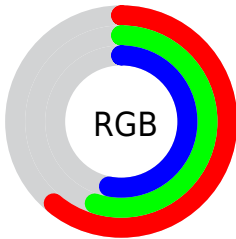
Format	Color
RYB	156, 144, 134
Decimal	10259846
CIELab	59.74, 4.38, 5.76
CIELCh	60, 7.232, 52.768
Yxy	27.8389, 0.3364, 0.3401
Android (android.graphics.Color)	4288449926 (0xFF9C8D86)
YUV	144.6870, -5.2687, 9.9215
Hunter-Lab	52.7626, 0.8297, 7.1820

Details

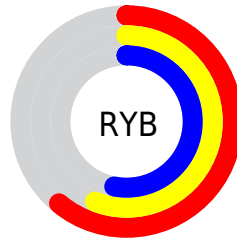
The XYZ color **27.5383, 27.8389, 26.4763** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.5797, 28.9631, 35.6424**, and the grayscale version is **26.8048, 28.2007, 30.7106**.

A 20% lighter version of the original color is **55.3487, 56.4670, 54.9957**, and **11.1670, 11.1255, 9.9464** is the 20% darker color. If you saturate the color by 10%, you get **25.0362, 24.4493, 20.6644**, and if you desaturate by 10%, it is **30.3530, 31.5964, 33.1850**.

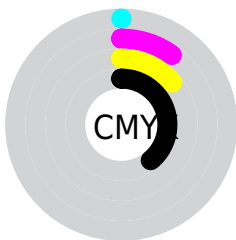
Distribution



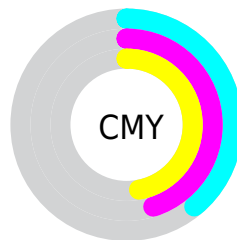
- Red (61%)
- Green (55%)
- Blue (53%)



- Red (61%)
- Yellow (56%)
- Blue (53%)



- Cyan (0%)
- Magenta (10%)
- Yellow (14%)
- Black (39%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5383, 27.8389, 26.4763 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 27.5383, 27.8389, 26.4763 by changing the saturation by 10% instead.

■ 27.5383, 27.8389,
26.4763

■ 27.5383, 27.8389,
26.4763

282.3744,
291.6963, 298.7920

■ 18.1166, 18.2043,
16.9513

■ 55.1603, 56.2271,
55.0358

■ 11.1339, 11.0967,
10.0382

■ 74.0913, 75.7495,
74.9075

■ 6.2249, 6.1319,
5.3184

■ 96.9227, 99.3366,
99.0651

■ 3.0243, 2.9255,
2.3733

124.0200,
127.3728, 127.9273

■ 1.1666, 1.0929,
0.7718

155.7484,
160.2424, 161.9125

■ 0.0798, 0.0000,
0.0000

192.4734,

■ 0.0000, 0.0000,

198.3300, 201.4393

0.0000

234.5603,
242.0198, 246.9263

■ 27.5383, 27.8389,
26.4763

■ 27.5383, 27.8389,
26.4763

■ 25.0362, 24.4493,
20.6644

■ 30.3530, 31.5964,
33.1850

■ 22.8333, 21.4125,
15.7092

■ 33.4888, 35.7288,
40.8248

■ 20.9183, 18.7181,
11.5704

■ 36.9564, 40.2476,
49.4301

■ 19.2786, 16.3535,
8.2033

■ 40.7655, 45.1628,
59.0332

■ 17.9002, 14.3053,
5.5592

■ 44.9254, 50.4836,
69.6649

■ 16.7680, 12.5593,
3.5838

■ 49.4449, 56.2195,
81.3546

■ 15.8650, 11.0998,
2.2148

■ 54.3326, 62.3792,
94.1306

■ 15.1716, 9.9095,
1.3773

■ 58.9785, 68.7241,
104.7643

■ 14.8364, 9.3199,
1.0170

■ 61.9620, 74.6911,
105.7588

Harmonies

Analogous

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



28.1148, 27.8389, 28.4043



27.5383, 27.8389, 26.4763



26.6820, 27.8389, 25.5852

Triad

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



27.5383, 27.8389, 26.4763



24.7536, 27.8389, 29.6823



27.1464, 27.8389, 35.1967

Complementary

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



27.5383, 27.8389, 26.4763



26.5797, 28.9631, 35.6424

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.



26.2393, 27.8389, 35.5874



27.5383, 27.8389, 26.4763



24.8715, 27.8389, 32.3029

Square

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



27.5383, 27.8389, 26.4763



25.0845, 27.8389, 27.3658



25.4103, 27.8389, 34.5010



27.8850, 27.8389, 33.4621

Rectangle

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



27.5383, 27.8389, 26.4763



26.0733, 27.8389, 25.6608



25.4103, 27.8389, 34.5010



26.8506, 27.8389, 35.4935

Sweetspot

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



27.5391, 27.8401, 26.4769



55.1416, 57.4040, 60.3029



27.6633, 26.2895, 32.0645



12.0493, 12.5196, 13.0663



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.



27.5391, 27.8401, 26.4769



48.4872, 48.5016, 44.5000



29.2366, 31.2352, 27.0427



6.7968, 6.9736, 6.9735



12.2489, 7.7334, 0.8471



0.2548, 0.2098, 0.0271

Inverse Universe

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



26.5797, 28.9631, 35.6424



46.3914, 50.9529, 64.5165



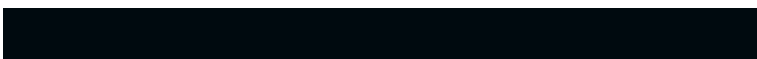
24.9259, 25.6556, 35.0912



6.6437, 7.1531, 8.4372



9.2495, 10.5906, 27.4639



0.2016, 0.2618, 0.5031

Previews

White Background



This preview shows how the XYZ color 27.5383, 27.8389, 26.4763 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 27.5383, 27.8389, 26.4763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

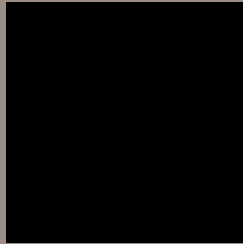
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.5383, 27.8389, 26.4763

Background



This preview shows how black text looks on a background with the XYZ color 27.5383, 27.8389, 26.4763.



This preview shows how white text looks on a background with the XYZ color 27.5383, 27.8389,

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

27.5383, 27.8389, 26.4763

Protanopia

26.5901, 27.7838, 26.8830

Deuteranopia

28.2336, 27.7635, 26.4251



Tritanopia

28.8382, 27.9363, 32.7265

Trichromacy



Original Color

27.5383, 27.8389, 26.4763

Protanomaly

26.9951, 27.7707, 26.8592

Deuteranomaly

27.9792, 27.8483, 26.4549

Tritanomaly

28.3168, 27.9379, 30.2857

Monochromacy



Original Color

27.5383, 27.8389, 26.4763

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.1754, 28.2592, 29.2216

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5383, 27.8389, 26.4763 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, 141, 134)` looks like.

```
.text, #text, p{  
    color:rgb(156, 141, 134)  
}
```

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, 141, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 141, 134) }
```

Border

The CSS property to change the border of an element to XYZ 27.5383, 27.8389, 26.4763 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, 141, 134) }
```


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

```
.border{ border-color:rgb(156, 141, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 141, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 141, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 141, 134);  
box-shadow:4px 4px 4px 4px rgb(156, 141,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5383, 27.8389, 26.4763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 141, 134) }
```

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

```
.background{ background-color: rgb(156,  
141, 134) }
```

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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