

Converting Colors

XYZ(27.9252, 28.7721, 26.5537)

Have a look what the booklet for
XYZ(27.9252, 28.7721, 26.5537)
contains.

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Color

**XYZ(27.9866, 28.7357,
26.6257)**

Conversions

Conversions Part 1

Format	Color
Hex	9C9086
RGB	156, 144, 134
RGB Percent	61%, 56%, 53%
CMY	0.3882, 0.4353, 0.4745
CMYK	0.00, 0.08, 0.14, 0.39
HSL	27°, 10%, 57%
HSV	27°, 14%, 61%
XYZ	27.9866, 28.7357, 26.6257
YIQ	146.4480, 10.3620, -0.5660

Conversions

Conversions Part 2

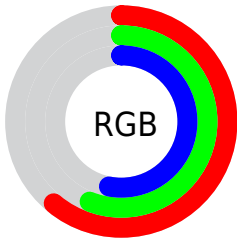
Format	Color
R_{YB}	156, 152, 134
Decimal	10260614
CIE Lab	60.55, 2.69, 6.91
CIE LCh	61, 7.417, 68.714
Yxy	28.7357, 0.3358, 0.3448
Android (android.graphics.Color)	4288450694 (0xFF9C9086)
YUV	146.4480, -6.1369, 8.3771
Hunter-Lab	53.6057, -0.6182, 8.0749

Details

The XYZ color **27.9866, 28.7357, 26.6257** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.1109, 28.0256, 35.4859**, and the grayscale version is **27.5277, 28.9612, 31.5388**.

A 20% lighter version of the original color is **56.0277, 57.8249, 55.2221**, and **11.4286, 11.6488, 10.0336** is the 20% darker color. If you saturate the color by 10%, you get **25.7378, 25.8526, 20.8983**, and if you desaturate by 10%, it is **30.4946, 31.8798, 33.2322**.

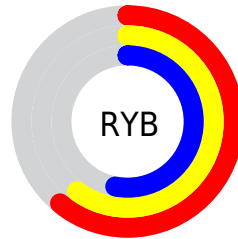
Distribution



Red (61%)

Green (56%)

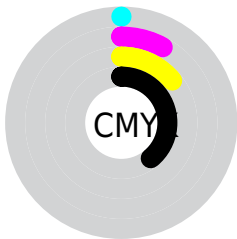
Blue (53%)



Red (61%)

Yellow (60%)

Blue (53%)

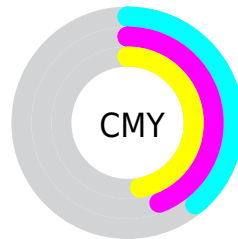


Cyan (0%)

Magenta (8%)

Yellow (14%)

Black (39%)



Cyan (39%)

Magenta (44%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.9866, 28.7357, 26.6257 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 27.9866, 28.7357, 26.6257 by changing the saturation by 10% instead.

■ 27.9866, 28.7357,
26.6257

■ 27.9866, 28.7357,
26.6257

284.4841,
295.9659, 299.5429

■ 18.4560, 18.8810,
17.0624

■ 55.8718, 57.6569,
55.2791

■ 11.3795, 11.5843,
10.1165

■ 74.9572, 77.4922,
75.2062

■ 6.3919, 6.4613,
5.3697

■ 97.9581, 101.4231,
99.4250

■ 3.1277, 3.1276,
2.4033

125.2399,
129.8340, 128.3540

■ 1.2217, 1.1987,
0.7882

157.1681,
163.1093, 162.4117

■ 0.1234, 0.0606,
0.0000

194.1080,

■ 0.0000, 0.0000,

201.6335, 202.0167

0.0000

236.4249,
245.7909, 247.5876

■ 27.9866, 28.7357,
26.6257

■ 27.9866, 28.7357,
26.6257

■ 25.7378, 25.8526,
20.8983

■ 30.4946, 31.8798,
33.2322

■ 23.7367, 23.2196,
16.0104

■ 33.2681, 35.2877,
40.7511

■ 21.9745, 20.8306,
11.9224

■ 36.3161, 38.9673,
49.2165

■ 20.4406, 18.6777,
8.5907

■ 39.6464, 42.9248,
58.6600

■ 19.1237, 16.7526,
5.9671

■ 43.2665, 47.1661,
69.1117

■ 18.0114, 15.0463,
3.9983

■ 47.1836, 51.6972,
80.6005

■ 17.0896, 13.5492,
2.6230

■ 51.4046, 56.5236,
93.1542

■ 16.3418, 12.2502,
1.7674

■ 55.3182, 61.4036,
103.5442

■ 15.9594, 11.5660,
1.3913

■ 57.5018, 65.7709,
104.2721

Harmonies

Analogous

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



28.7751, 28.7357, 28.1035



27.9866, 28.7357, 26.6257



27.0343, 28.7357, 26.3581

Triad

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



27.9866, 28.7357, 26.6257



25.5318, 28.7357, 32.0943



28.4807, 28.7357, 35.5878

Complementary

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



27.9866, 28.7357, 26.6257



26.1109, 28.0256, 35.4859

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.



27.5924, 28.7357, 36.7979



27.9866, 28.7357, 26.6257



25.9002, 28.7357, 34.7050

Square

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



27.9866, 28.7357, 26.6257



25.6318, 28.7357, 29.4120



26.6492, 28.7357, 36.4657



29.0650, 28.7357, 33.2428

Rectangle

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



27.9866, 28.7357, 26.6257



26.4370, 28.7357, 26.8859



26.6492, 28.7357, 36.4657



28.2070, 28.7357, 36.1468

Sweetspot

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



27.9874, 28.7370, 26.6263



55.3977, 57.9162, 60.3883



27.4317, 26.1969, 30.8459



12.1151, 12.6512, 13.0882



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.



27.9874, 28.7370, 26.6263



49.4610, 50.4492, 44.8246



29.7183, 32.1987, 27.2033



6.8690, 7.1181, 6.9976



13.1795, 9.5946, 1.1573



0.2774, 0.2551, 0.0346

Inverse Universe

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



26.1109, 28.0256, 35.4859



45.3626, 48.8953, 64.1736



24.5105, 24.8249, 34.9524



6.5694, 7.0045, 8.4124



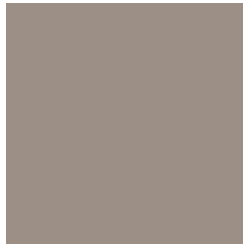
7.6578, 7.4072, 26.9334



0.1789, 0.2165, 0.4956

Previews

White Background



This preview shows how the XYZ color 27.9866, 28.7357, 26.6257 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 27.9866, 28.7357, 26.6257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

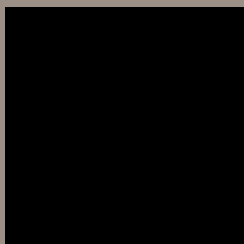
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

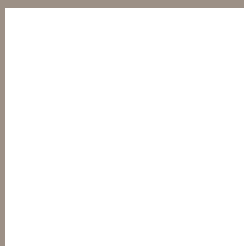
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.9866, 28.7357, 26.6257

Background



This preview shows how black text looks on a background with the XYZ color 27.9866, 28.7357, 26.6257.



This preview shows how white text looks on a background with the XYZ color 27.9866, 28.7357,

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

27.9866, 28.7357, 26.6257

Protanopia

27.4146, 28.8863, 27.0524

Deuteranopia

29.2079, 28.6915, 26.9203



Tritanopia

29.2929, 28.5859, 33.6795

Trichromacy



Original Color

27.9866, 28.7357, 26.6257

Protanomaly

27.6354, 28.7724, 27.0187

Deuteranomaly

28.7441, 28.6723, 26.9410

Tritanomaly

28.6885, 28.5584, 30.7883

Monochromacy



Original Color

27.9866, 28.7357, 26.6257

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.5856, 28.6878, 29.6746

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9866, 28.7357, 26.6257 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, 144, 134)` looks like.

```
.text, #text, p{  
    color:rgb(156, 144, 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, 144, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 144, 134) }
```

Border

The CSS property to change the border of an element to XYZ 27.9866, 28.7357, 26.6257 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, 144, 134) }
```


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

```
.border{ border-color:rgb(156, 144, 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, 144, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 144, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 144, 134);  
box-shadow:4px 4px 4px 4px rgb(156, 144,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9866, 28.7357, 26.6257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 144, 134) }
```

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

```
.background{ background-color: rgb(156,  
144, 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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