

Converting Colors

XYZ(28.2511, 28.8639, 27.0040)

Have a look what the booklet for
XYZ(28.2511, 28.8639, 27.0040)
contains.

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Color

**XYZ(28.2511, 28.8639,
27.0040)**

Conversions

Conversions Part 1

Format	Color
Hex	9D9087
RGB	157, 144, 135
RGB Percent	62%, 56%, 53%
CMY	0.3843, 0.4353, 0.4706
CMYK	0.00, 0.08, 0.14, 0.38
HSL	25°, 10%, 57%
HSV	25°, 14%, 62%
XYZ	28.2511, 28.8639, 27.0040
YIQ	146.8610, 10.6370, -0.0430

Conversions

Conversions Part 2

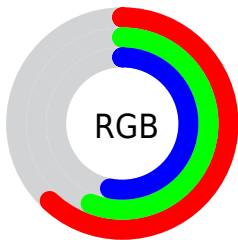
Format	Color
R_{YB}	157, 150, 135
Decimal	10326151
CIE _{Lab}	60.66, 3.25, 6.52
CIE _{LCh}	61, 7.282, 63.516
Yxy	28.8639, 0.3358, 0.3431
Android (android.graphics.Color)	4288516231 (0xFF9D9087)
YUV	146.8610, -5.8475, 8.8919
Hunter-Lab	53.7251, -0.1556, 7.8065

Details

The XYZ color **28.2511, 28.8639, 27.0040** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.6673, 28.7646, 36.0452**, and the grayscale version is **27.6967, 29.1391, 31.7325**.

A 20% lighter version of the original color is **56.4226, 58.0161, 55.8014**, and **11.5863, 11.7255, 10.2469** is the 20% darker color. If you saturate the color by 10%, you get **25.8788, 25.7596, 21.1559**, and if you desaturate by 10%, it is **30.9034, 32.2668, 33.7505**.

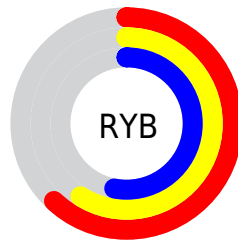
Distribution



Red (62%)

Green (56%)

Blue (53%)



Red (62%)

Yellow (59%)

Blue (53%)

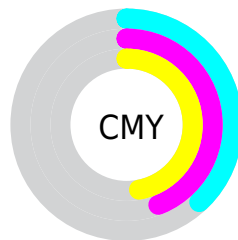


Cyan (0%)

Magenta (8%)

Yellow (14%)

Black (38%)



Cyan (38%)

Magenta (44%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.2511, 28.8639, 27.0040 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 28.2511, 28.8639, 27.0040 by changing the saturation by 10% instead.

■ 28.2511, 28.8639,
27.0040

■ 28.2511, 28.8639,
27.0040

285.7232,
296.5723, 301.4373

■ 18.6564, 18.9779,
17.3438

■ 56.2909, 57.8608,
55.8941

■ 11.5248, 11.6543,
10.3153

■ 75.4668, 77.7404,
75.9610

■ 6.4909, 6.5087,
5.5002

■ 98.5672, 101.7201,
100.3340

■ 3.1893, 3.1568,
2.4798

125.9573,
130.1842, 129.4314

■ 1.2546, 1.2141,
0.8294

158.0027,
163.5170, 163.6719

■ 0.1489, 0.0732,
0.0000

195.0685,

■ 0.0000, 0.0000,

202.1030, 203.4741

0.0000

237.5202,
246.3267, 249.2563

■ 28.2511, 28.8639,
27.0040

■ 28.2511, 28.8639,
27.0040

■ 25.8788, 25.7596,
21.1559

■ 30.9034, 32.2668,
33.7505

■ 23.7744, 22.9419,
16.1659

■ 33.8428, 35.9725,
41.4294

■ 21.9281, 20.4030,
11.9935

■ 37.0789, 39.9900,
50.0755

■ 20.3286, 18.1338,
8.5940

■ 40.6202, 44.3267,
59.7211

■ 18.9638, 16.1245,
5.9187

■ 44.4747, 48.9896,
70.3970

■ 17.8203, 14.3643,
3.9130

■ 48.6504, 53.9858,
82.1326

■ 16.8829, 12.8419,
2.5143

■ 53.1547, 59.3217,
94.9563

■ 16.1341, 11.5443,
1.6479

■ 57.0797, 64.6379,
104.0757

■ 15.7522, 10.8630,
1.2665

■ 59.5557, 69.5900,
104.9010

Harmonies

Analogous

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



28.9744, 28.8639, 28.6460



28.2511, 28.8639, 27.0040



27.3232, 28.8639, 26.5230

Triad

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



28.2511, 28.8639, 27.0040



25.6634, 28.8639, 31.7475



28.4480, 28.8639, 35.9607

Complementary

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



28.2511, 28.8639, 27.0040



26.6673, 28.7646, 36.0452

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.



27.5456, 28.8639, 36.9030



28.2511, 28.8639, 27.0040



25.9497, 28.8639, 34.3843

Square

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



28.2511, 28.8639, 27.0040



25.8427, 28.8639, 29.1678



26.6333, 28.8639, 36.3103



29.0899, 28.8639, 33.8018

Rectangle

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



28.2511, 28.8639, 27.0040



26.7169, 28.8639, 26.9013



26.6333, 28.8639, 36.3103



28.1644, 28.8639, 36.4357

Sweetspot

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



28.2519, 28.8652, 27.0046



55.3121, 57.7450, 60.3598



27.9301, 26.6409, 31.7706



12.0931, 12.6072, 13.0809



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.



28.2519, 28.8652, 27.0046



49.1326, 49.7925, 44.7152



29.9663, 32.2939, 27.5761



6.8448, 7.0696, 6.9895



12.8283, 8.8922, 1.0402



0.2699, 0.2400, 0.0321

Inverse Universe

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



26.6673, 28.7646, 36.0452



45.7019, 49.5740, 64.2867



25.0520, 25.5339, 35.5068



6.5940, 7.0538, 8.4207



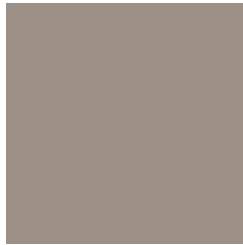
8.1414, 8.3743, 27.0945



0.1865, 0.2316, 0.4981

Previews

White Background



This preview shows how the XYZ color 28.2511, 28.8639, 27.0040 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 28.2511, 28.8639, 27.0040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

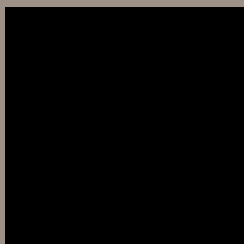
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.2511, 28.8639, 27.0040

Background



This preview shows how black text looks on a background with the XYZ color 28.2511, 28.8639, 27.0040.



This preview shows how white text looks on a background with the XYZ color 28.2511, 28.8639,

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

28.2511, 28.8639, 27.0040

Protanopia

27.4853, 28.9147, 27.4250

Deuteranopia

29.2787, 28.7198, 27.2929



Tritanopia

29.4904, 28.6877, 33.6887

Trichromacy



Original Color

28.2511, 28.8639, 27.0040

Protanomaly

27.7062, 28.8007, 27.3914

Deuteranomaly

28.8149, 28.7006, 27.3136

Tritanomaly

28.9619, 28.6904, 31.2055

Monochromacy



Original Color

28.2511, 28.8639, 27.0040

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.9993, 29.1202, 30.1316

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.2511, 28.8639, 27.0040 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(157, 144, 135)` looks like.

```
.text, #text, p{  
    color:rgb(157, 144, 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(157, 144, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 144, 135) }
```

Border

The CSS property to change the border of an element to XYZ 28.2511, 28.8639, 27.0040 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(157, 144, 135) }
```


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

```
.border{ border-color:rgb(157, 144, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 144, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 144, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 144, 135);  
box-shadow:4px 4px 4px 4px rgb(157, 144,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 28.2511, 28.8639, 27.0040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 144, 135) }
```

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

```
.background{ background-color: rgb(157,  
144, 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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