

Converting Colors

XYZ(28.1893, 27.9155, 27.8259)

Have a look what the booklet for
XYZ(28.1893, 27.9155, 27.8259)
contains.

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Color

**XYZ(28.2636, 27.9621,
27.9523)**

Conversions

Conversions Part 1

Format	Color
Hex	9F8C8A
RGB	159, 140, 138
RGB Percent	62%, 55%, 54%
CMY	0.3765, 0.4510, 0.4588
CMYK	0.00, 0.12, 0.13, 0.38
HSL	6°, 10%, 58%
HSV	6°, 13%, 62%
XYZ	28.2636, 27.9621, 27.9523
YIQ	145.4530, 11.9660, 3.4060

Conversions

Conversions Part 2

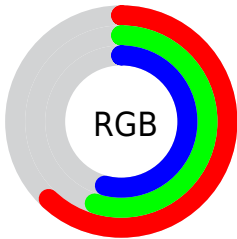
Format	Color
R_{YB}	159, 140, 138
Decimal	10456202
CIE _{Lab}	59.85, 6.77, 3.67
CIE _{LCh}	60, 7.706, 28.464
Yxy	27.9621, 0.3358, 0.3322
Android (android.graphics.Color)	4288646282 (0xFF9F8C8A)
YUV	145.4530, -3.6743, 11.8807
Hunter-Lab	52.8792, 2.8685, 5.6744

Details

The XYZ color **28.2636, 27.9621, 27.9523** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.7960, 32.0197, 37.4638**, and the grayscale version is **27.1098, 28.5216, 31.0600**.

A 20% lighter version of the original color is **56.4273, 56.6413, 57.2490**, and **11.4810, 11.1427, 10.7782** is the 20% darker color. If you saturate the color by 10%, you get **25.2297, 23.6035, 21.6713**, and if you desaturate by 10%, it is **31.7423, 32.9401, 35.2137**.

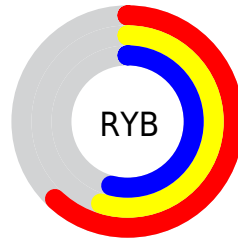
Distribution



Red (62%)

Green (55%)

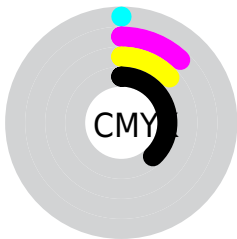
Blue (54%)



Red (62%)

Yellow (55%)

Blue (54%)

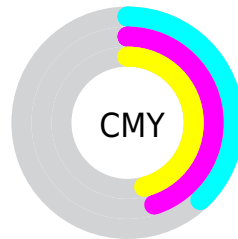


Cyan (0%)

Magenta (12%)

Yellow (13%)

Black (38%)



Cyan (38%)

Magenta (45%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.2636, 27.9621, 27.9523 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 28.2636, 27.9621, 27.9523 by changing the saturation by 10% instead.

■ 28.2636, 27.9621,
27.9523

■ 28.2636, 27.9621,
27.9523

285.7816,
292.2858, 306.1437

■ 18.6659, 18.2971,
18.0510

■ 56.3107, 56.4239,
57.4305

■ 11.5317, 11.1635,
10.8168

■ 75.4909, 75.9895,
77.8444

■ 6.4956, 6.1769,
5.8311

■ 98.5959, 99.6241,
102.5996

■ 3.1922, 2.9530,
2.6756

125.9912,
127.7121, 132.1146

■ 1.2562, 1.1072,
0.9311

158.0420,
160.6379, 166.8080

■ 0.1501, 0.0000,
0.0000

195.1138,

■ 0.0000, 0.0000,

198.7858, 207.0983

0.0000

237.5719,
242.5403, 253.4040

■ 28.2636, 27.9621,
27.9523

■ 28.2636, 27.9621,
27.9523

■ 25.2297, 23.6035,
21.6713

■ 31.7423, 32.9401,
35.2137

■ 22.6205, 19.8365,
16.3271

■ 35.6804, 38.5565,
43.4932

■ 20.4177, 16.6367,
11.8752

■ 40.0947, 44.8341,
52.8286

■ 18.6007, 13.9766,
8.2670

■ 45.0002, 51.7935,
63.2552

■ 17.1471, 11.8264,
5.4491

■ 50.4116, 59.4543,
74.8068

■ 16.0324, 10.1533,
3.3621

■ 56.3428, 67.8355,
87.5157

■ 15.2286, 8.9209,
1.9381

■ 62.8071, 76.9553,
101.4127

■ 14.7037, 8.0873,
1.0966

■ 68.1082, 86.1110,
107.6391

■ 14.4714, 7.7174,
0.7269

Harmonies

Analogous

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



28.5002, 27.9621, 30.5904



28.2636, 27.9621, 27.9523



27.5722, 27.9621, 26.0855

Triad

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



28.2636, 27.9621, 27.9523



25.0075, 27.9621, 27.7170



26.5268, 27.9621, 36.1489

Complementary

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



28.2636, 27.9621, 27.9523



28.7960, 32.0197, 37.4638

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.



25.6063, 27.9621, 35.2672



28.2636, 27.9621, 27.9523



24.7426, 27.9621, 30.3020

Square

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



28.2636, 27.9621, 27.9523



25.6915, 27.9621, 25.9556



24.9591, 27.9621, 33.0837



27.4829, 27.9621, 35.4265

Rectangle

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



28.2636, 27.9621, 27.9523



26.9547, 27.9621, 25.4715



24.9591, 27.9621, 33.0837



26.2031, 27.9621, 36.0293

Sweetspot

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



28.2644, 27.9633, 27.9529



56.2738, 58.1731, 61.8630



29.4940, 27.9911, 35.8589



12.5806, 12.9632, 13.7245



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



28.2644, 27.9633, 27.9529



48.8520, 47.5452, 46.3927



29.8321, 31.0988, 28.4755



6.6814, 6.7429, 6.9350



11.4451, 6.1258, 0.5792



0.2178, 0.1358, 0.0147

Inverse Universe

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



28.7960, 32.0197, 37.4638



50.0023, 56.3245, 66.9798



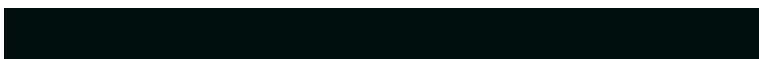
27.1345, 28.6966, 36.9100



6.7678, 7.4013, 8.4786



12.8166, 17.7247, 28.6529



0.2433, 0.3452, 0.5170

Previews

White Background



This preview shows how the XYZ color 28.2636, 27.9621, 27.9523 looks on a white background.

Color Contrast Check

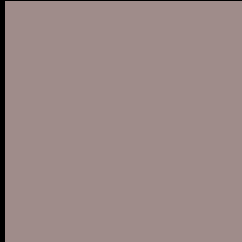
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.2636, 27.9621, 27.9523 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

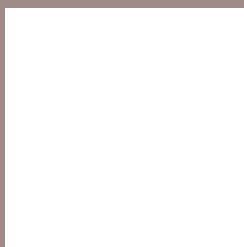
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.2636, 27.9621, 27.9523

Background



This preview shows how black text looks on a background with the XYZ color 28.2636, 27.9621, 27.9523.



This preview shows how white text looks on a background with the XYZ color 28.2636, 27.9621,

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

28.2636, 27.9621, 27.9523

Protanopia

26.9196, 28.1359, 28.8229

Deuteranopia

28.5180, 27.8773, 27.9225



Tritanopia

29.0105, 27.8205, 32.2746

Trichromacy



Original Color

28.2636, 27.9621, 27.9523

Protanomaly

27.4316, 28.1844, 28.4204

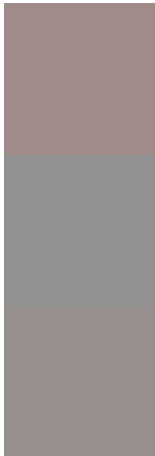
Deuteranomaly

28.3173, 27.7738, 27.9132

Tritanomaly

28.8407, 27.9832, 30.6693

Monochromacy



Original Color

28.2636, 27.9621, 27.9523

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.2826, 28.0819, 29.5736

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.2636, 27.9621, 27.9523 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(159, 140, 138)` looks like.

```
.text, #text, p{  
    color:rgb(159, 140, 138)  
}
```

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(159, 140, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 140, 138) }
```

Border

The CSS property to change the border of an element to XYZ 28.2636, 27.9621, 27.9523 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(159, 140, 138) }
```


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

```
.border{ border-color:rgb(159, 140, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 140, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 140, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 140, 138); box-shadow:4px 4px 4px 4px rgb(159, 140, 138) }
```

Background

The CSS property to change the background color of an element to XYZ 28.2636, 27.9621, 27.9523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 140, 138) }
```

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

```
.background{ background-color: rgb(159,  
140, 138) }
```

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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