

Converting Colors

XYZ(27.6646, 28.6250, 27.9072)

Have a look what the booklet for
XYZ(27.6646, 28.6250, 27.9072)
contains.

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Color

**XYZ(27.6255, 28.5250,
27.7168)**

Conversions

Conversions Part 1

Format	Color
Hex	999089
RGB	153, 144, 137
RGB Percent	60%, 56%, 54%
CMY	0.4000, 0.4353, 0.4627
CMYK	0.00, 0.06, 0.10, 0.40
HSL	26°, 7%, 57%
HSV	26°, 10%, 60%
XYZ	27.6255, 28.5250, 27.7168
YIQ	145.8930, 7.6110, -0.2690

Conversions

Conversions Part 2

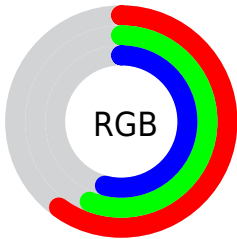
Format	Color
R _Y B	153, 149, 137
Decimal	10064009
CIE Lab	60.36, 2.06, 4.90
CIE LCh	60, 5.319, 67.165
Yxy	28.5250, 0.3294, 0.3401
Android (android.graphics.Color)	4288254089 (0xFF999089)
YUV	145.8930, -4.3842, 6.2328
Hunter-Lab	53.4088, -1.1370, 6.6173

Details

The XYZ color **27.6255, 28.5250, 27.7168** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.3451, 28.1755, 34.1871**, and the grayscale version is **27.2937, 28.7151, 31.2707**.

A 20% lighter version of the original color is **55.2205, 57.3713, 56.8785**, and **11.2025, 11.5183, 10.6496** is the 20% darker color. If you saturate the color by 10%, you get **25.3513, 25.6100, 21.9225**, and if you desaturate by 10%, it is **30.1563, 31.7034, 34.3652**.

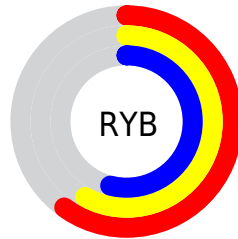
Distribution



Red (60%)

Green (56%)

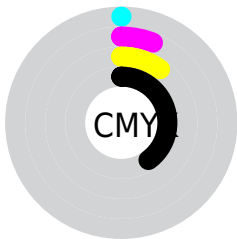
Blue (54%)



Red (60%)

Yellow (58%)

Blue (54%)

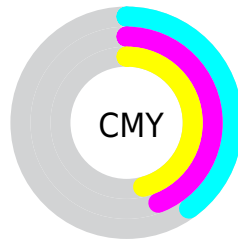


Cyan (0%)

Magenta (6%)

Yellow (10%)

Black (40%)



Cyan (40%)

Magenta (44%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.6255, 28.5250, 27.7168 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 27.6255, 28.5250, 27.7168 by changing the saturation by 10% instead.

■ 27.6255, 28.5250,
27.7168

■ 27.6255, 28.5250,
27.7168

282.7857,
294.9671, 304.9804

■ 18.1826, 18.7218,
17.8751

■ 55.2988, 57.3215,
57.0496

■ 11.1816, 11.4694,
10.6918

■ 74.2599, 77.0837,
77.3778

■ 6.2573, 6.3835,
5.7485

■ 97.1244, 100.9342,
102.0387

■ 3.0443, 3.0797,
2.6264

124.2577,
129.2576, 131.4506

■ 1.1772, 1.1735,
0.9061

156.0251,
162.4382, 166.0322

■ 0.0883, 0.0399,
0.0000

192.7920,

■ 0.0000, 0.0000,

200.8603, 206.2020

0.0000

234.9238,
244.9085, 252.3786

■ 27.6255, 28.5250,
27.7168

■ 27.6255, 28.5250,
27.7168

■ 25.3513, 25.6100,
21.9225

■ 30.1563, 31.7034,
34.3652

■ 23.3226, 22.9477,
16.9454

■ 32.9495, 35.1482,
41.8990

■ 21.5309, 20.5320,
12.7487

■ 36.0139, 38.8670,
50.3499

■ 19.9664, 18.3550,
9.2918

■ 39.3569, 42.8661,
59.7476

■ 18.6183, 16.4087,
6.5306

■ 42.9858, 47.1515,
70.1206

■ 17.4750, 14.6843,
4.4163

■ 46.9075, 51.7291,
81.4960

■ 16.5233, 13.1721,
2.8933

■ 51.1286, 56.6043,
93.8998

■ 15.7485, 11.8619,
1.8967

■ 54.9388, 61.4960,
103.5821

■ 15.1421, 10.7827,
1.2832

■ 57.1584, 65.9351,
104.3219

Harmonies

Analogous

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



28.1733, 28.5250, 28.8396



27.6255, 28.5250, 27.7168



26.9485, 28.5250, 27.4713

Triad

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



27.6255, 28.5250, 27.7168



25.8287, 28.5250, 31.5308



27.9141, 28.5250, 34.1566

Complementary

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



27.6255, 28.5250, 27.7168



26.3451, 28.1755, 34.1871

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.



27.2765, 28.5250, 34.9459



27.6255, 28.5250, 27.7168



26.0780, 28.5250, 33.3892

Square

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



27.6255, 28.5250, 27.7168



25.9186, 28.5250, 29.6207



26.6052, 28.5250, 34.6594



28.3418, 28.5250, 32.5429

Rectangle

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



27.6255, 28.5250, 27.7168



26.5164, 28.5250, 27.8284



26.6052, 28.5250, 34.6594



27.7168, 28.5250, 34.5302

Sweetspot

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



27.6263, 28.5263, 27.7174



52.7822, 55.2505, 58.2954



27.2764, 26.7414, 30.9457



11.5764, 12.1017, 12.6650



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



27.6263, 28.5263, 27.7174



48.2891, 49.5781, 46.5814



28.8700, 31.0136, 28.1320



6.4201, 6.6453, 6.5501



12.5468, 8.9760, 1.0713



0.2229, 0.2048, 0.0278

Inverse Universe

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



26.3451, 28.1755, 34.1871



45.4345, 48.7964, 60.9960



25.1648, 25.8148, 33.7937



6.1581, 6.5736, 7.8732



7.5383, 7.4732, 25.9529



0.1489, 0.1841, 0.4001

Previews

White Background



This preview shows how the XYZ color 27.6255, 28.5250, 27.7168 looks on a white background.

Color Contrast Check

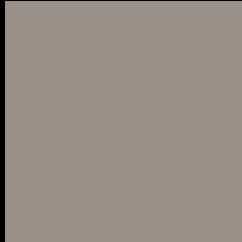
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.6255, 28.5250, 27.7168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

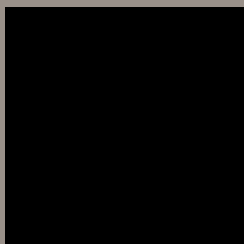
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

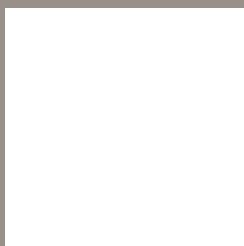
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.6255, 28.5250, 27.7168

Background



This preview shows how black text looks on a background with the XYZ color 27.6255, 28.5250, 27.7168.



This preview shows how white text looks on a background with the XYZ color 27.6255, 28.5250,

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

27.6255, 28.5250, 27.7168

Protanopia

27.2905, 28.5698, 28.1209

Deuteranopia

29.0126, 28.5661, 28.0294



Tritanopia

28.9403, 28.6145, 34.1348

Trichromacy



Original Color

27.6255, 28.5250, 27.7168

Protanomaly

27.4753, 28.6651, 28.1296

Deuteranomaly

28.5585, 28.5519, 28.0506

Tritanomaly

28.4153, 28.6215, 31.6306

Monochromacy



Original Color

27.6255, 28.5250, 27.7168

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.4778, 28.6235, 30.0633

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6255, 28.5250, 27.7168 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(153, 144, 137)` looks like.

```
.text, #text, p{  
    color:rgb(153, 144, 137)  
}
```

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(153, 144, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 144, 137) }
```

Border

The CSS property to change the border of an element to XYZ 27.6255, 28.5250, 27.7168 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(153, 144, 137) }
```


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

```
.border{ border-color:rgb(153, 144, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 144, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 144, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 144, 137);  
box-shadow:4px 4px 4px 4px rgb(153, 144,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6255, 28.5250, 27.7168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 144, 137) }
```

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

```
.background{ background-color: rgb(153,  
144, 137) }
```

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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