

Converting Colors

XYZ(27.5067, 27.9737, 28.6444)

Have a look what the booklet for
XYZ(27.5067, 27.9737, 28.6444)
contains.

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Color

**XYZ(27.5435, 28.0118,
28.7661)**

Conversions

Conversions Part 1

Format	Color
Hex	998E8C
RGB	153, 142, 140
RGB Percent	60%, 56%, 55%
CMY	0.4000, 0.4431, 0.4510
CMYK	0.00, 0.07, 0.08, 0.40
HSL	9°, 6%, 57%
HSV	9°, 8%, 60%
XYZ	27.5435, 28.0118, 28.7661
YIQ	145.0610, 7.1980, 1.7100

Conversions

Conversions Part 2

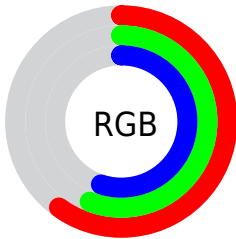
Format	Color
R_{YB}	153, 142, 140
Decimal	10063500
CIE _{Lab}	59.90, 3.72, 2.53
CIE _{LCh}	60, 4.500, 34.188
Yxy	28.0118, 0.3266, 0.3322
Android (android.graphics.Color)	4288253580 (0xFF998E8C)
YUV	145.0610, -2.4951, 6.9625
Hunter-Lab	52.9262, 0.2730, 4.8234

Details

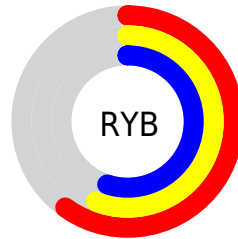
The XYZ color **27.5435, 28.0118, 28.7661** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.6315, 30.0080, 34.4730**, and the grayscale version is **26.9469, 28.3502, 30.8734**.

A 20% lighter version of the original color is **55.2097, 56.6403, 59.0617**, and **11.1521, 11.2173, 11.2502** is the 20% darker color. If you saturate the color by 10%, you get **24.6779, 23.9620, 22.6265**, and if you desaturate by 10%, it is **30.7912, 32.5740, 35.8077**.

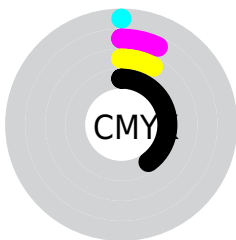
Distribution



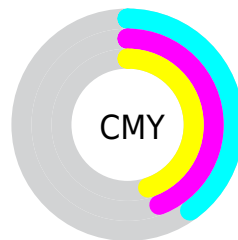
- Red (60%)
- Green (56%)
- Blue (55%)



- Red (60%)
- Yellow (56%)
- Blue (55%)



- Cyan (0%)
- Magenta (7%)
- Yellow (8%)
- Black (40%)



- Cyan (40%)
- Magenta (44%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5435, 28.0118, 28.7661 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 27.5435, 28.0118, 28.7661 by changing the saturation by 10% instead.

■ 27.5435, 28.0118,
28.7661

■ 27.5435, 28.0118,
28.7661

282.3989,
292.5233, 310.1361

■ 18.1205, 18.3346,
18.6599

■ 55.1685, 56.5033,
58.7430

■ 11.1368, 11.1904,
11.2505

■ 74.1013, 76.0863,
79.4508

■ 6.2269, 6.1951,
6.1193

■ 96.9347, 99.7400,
104.5295

■ 3.0255, 2.9641,
2.8478

124.0342,
127.8489, 134.3977

■ 1.1673, 1.1130,
1.0174

155.7649,
160.7973, 169.4739

■ 0.0803, 0.0000,
0.0000

192.4924,

■ 0.0000, 0.0000,

198.9695, 210.1767

0.0000

234.5819,
242.7501, 256.9246

■ 27.5435, 28.0118,
28.7661

■ 27.5435, 28.0118,
28.7661

■ 24.6779, 23.9620,
22.6265

■ 30.7912, 32.5740,
35.8077

■ 22.1780, 20.4032,
17.3508

■ 34.4320, 37.6619,
43.7838

■ 20.0296, 17.3178,
12.9004

■ 38.4792, 43.2929,
52.7277

■ 18.2169, 14.6857,
9.2337

■ 42.9451, 49.4824,
62.6702

■ 16.7225, 12.4853,
6.3049

■ 47.8411, 56.2453,
73.6411

■ 15.5277, 10.6935,
4.0637

■ 53.1785, 63.5957,
85.6686

■ 14.6117, 9.2848,
2.4536

■ 58.9679, 71.5476,
98.7800

■ 13.9509, 8.2307,
1.4087

■ 64.0049, 79.6282,
106.6041

■ 13.5084, 7.4951,
0.8008

■ 66.9470, 85.5124,
107.5848

Harmonies

Analogous

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



27.7351, 28.0118, 30.2709



27.5435, 28.0118, 28.7661



27.1056, 28.0118, 27.7545

Triad

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



27.5435, 28.0118, 28.7661



25.6476, 28.0118, 29.1506



26.7047, 28.0118, 33.7468

Complementary

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



27.5435, 28.0118, 28.7661



27.6315, 30.0080, 34.4730

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.



26.1489, 28.0118, 33.4210



27.5435, 28.0118, 28.7661



25.5437, 28.0118, 30.7304

Square

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



27.5435, 28.0118, 28.7661



26.0118, 28.0118, 27.9708



25.7259, 28.0118, 32.3024



27.2465, 28.0118, 33.1774

Rectangle

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



27.5435, 28.0118, 28.7661



26.7358, 28.0118, 27.4758



25.7259, 28.0118, 32.3024



26.5133, 28.0118, 33.7385

Sweetspot

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



27.5443, 28.0130, 28.7667



52.4038, 54.4936, 58.1692



28.1053, 27.7649, 33.1776



11.4726, 11.8941, 12.6304



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.



27.5443, 28.0130, 28.7667



48.4076, 48.8699, 49.5346



28.5314, 29.9874, 29.0958



6.2819, 6.3688, 6.5040



11.1369, 6.1562, 0.6013



0.1836, 0.1263, 0.0147

Inverse Universe

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



27.6315, 30.0080, 34.4730



48.5928, 53.1095, 61.6620



26.6221, 27.9893, 34.1366



6.3035, 6.8644, 7.9217



11.3063, 15.0094, 27.2089



0.1883, 0.2629, 0.4132

Previews

White Background



This preview shows how the XYZ color 27.5435, 28.0118, 28.7661 looks on a white background.

Color Contrast Check

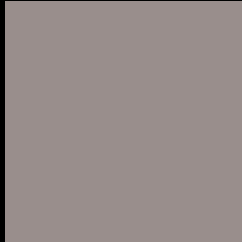
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.5435, 28.0118, 28.7661 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

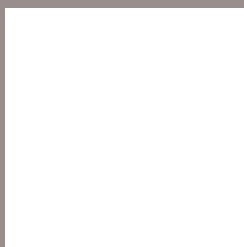
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.5435, 28.0118, 28.7661

Background



This preview shows how black text looks on a background with the XYZ color 27.5435, 28.0118, 28.7661.



This preview shows how white text looks on a background with the XYZ color 27.5435, 28.0118,

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

27.5435, 28.0118, 28.7661

Protanopia

26.9937, 28.1655, 29.2131

Deuteranopia

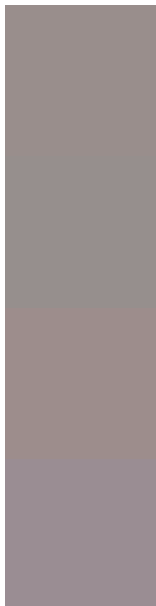
28.6089, 28.1232, 28.7314



Tritanopia

28.4816, 27.9591, 33.1737

Trichromacy



Original Color

27.5435, 28.0118, 28.7661

Protanomaly

27.2079, 28.0520, 29.1799

Deuteranomaly

28.1631, 28.1113, 28.7526

Tritanomaly

28.1178, 28.0264, 31.5314

Monochromacy



Original Color

27.5435, 28.0118, 28.7661

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.1439, 28.2256, 30.0040

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5435, 28.0118, 28.7661 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, 142, 140) looks like.

```
.text, #text, p{  
    color:rgb(153, 142, 140)  
}
```

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, 142, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 142, 140) }
```

Border

The CSS property to change the border of an element to XYZ 27.5435, 28.0118, 28.7661 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, 142, 140) }
```


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

```
.border{ border-color:rgb(153, 142, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 142, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 142, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 142, 140);  
box-shadow:4px 4px 4px 4px rgb(153, 142,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5435, 28.0118, 28.7661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 142, 140) }
```

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

```
.background{ background-color: rgb(153,  
142, 140) }
```

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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