

Converting Colors

XYZ(27.4886, 28.0206, 27.0758)

Have a look what the booklet for
XYZ(27.4886, 28.0206, 27.0758)
contains.

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Color

**XYZ(27.4434, 27.9936,
27.2494)**

Conversions

Conversions Part 1

Format	Color
Hex	9A8E88
RGB	154, 142, 136
RGB Percent	60%, 56%, 53%
CMY	0.3961, 0.4431, 0.4667
CMYK	0.00, 0.08, 0.12, 0.40
HSL	20°, 8%, 57%
HSV	20°, 12%, 60%
XYZ	27.4434, 27.9936, 27.2494
YIQ	144.9040, 9.0780, 0.6780

Conversions

Conversions Part 2

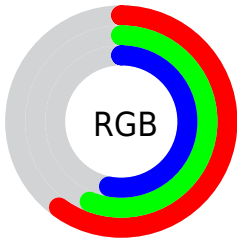
Format	Color
R_{YB}	154, 145, 136
Decimal	10129032
CIE Lab	59.88, 3.39, 4.80
CIE LCh	60, 5.874, 54.735
Yxy	27.9936, 0.3319, 0.3386
Android (android.graphics.Color)	4288319112 (0xFF9A8E88)
YUV	144.9040, -4.3897, 7.9772
Hunter-Lab	52.9090, -0.0044, 6.5005

Details

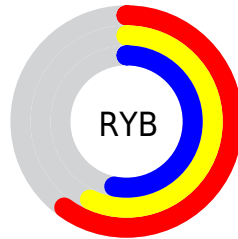
The XYZ color **27.4434, 27.9936, 27.2494** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.5759, 28.7467, 34.7202**, and the grayscale version is **26.8900, 28.2904, 30.8082**.

A 20% lighter version of the original color is **54.9377, 56.5639, 56.1665**, and **11.1004, 11.2097, 10.3827** is the 20% darker color. If you saturate the color by 10%, you get **24.9693, 24.6727, 21.4074**, and if you desaturate by 10%, it is **30.2170, 31.6611, 33.9678**.

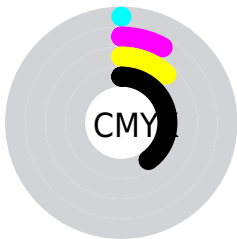
Distribution



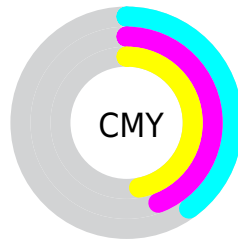
- Red (60%)
- Green (56%)
- Blue (53%)



- Red (60%)
- Yellow (57%)
- Blue (53%)



- Cyan (0%)
- Magenta (8%)
- Yellow (12%)
- Black (40%)



- Cyan (40%)
- Magenta (44%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4434, 27.9936, 27.2494 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 27.4434, 27.9936, 27.2494 by changing the saturation by 10% instead.

■ 27.4434, 27.9936,
27.2494

■ 27.4434, 27.9936,
27.2494

281.9262,
292.4363, 302.6609

■ 18.0448, 18.3208,
17.5265

■ 55.0094, 56.4742,
56.2924

■ 11.0821, 11.1806,
10.4447

■ 73.9076, 76.0509,
76.4496

■ 6.1897, 6.1884,
5.5853

■ 96.7030, 99.6976,
100.9220

■ 3.0026, 2.9600,
2.5299

123.7611,
127.7988, 130.1282

■ 1.1551, 1.1109,
0.8560

155.4470,
160.7389, 164.4866

■ 0.0705, 0.0000,
0.0000

192.1263,

■ 0.0000, 0.0000,

198.9023, 204.4158

0.0000

234.1642,
242.6733, 250.3344

■ 27.4434, 27.9936,
27.2494

■ 27.4434, 27.9936,
27.2494

■ 24.9693, 24.6727,
21.4074

■ 30.2170, 31.6611,
33.9678

■ 22.7820, 21.6847,
16.4036

■ 33.2976, 35.6815,
41.5952

■ 20.8710, 19.0198,
12.1996

■ 36.6956, 40.0651,
50.1644

■ 19.2246, 16.6669,
8.7533

■ 40.4198, 44.8212,
59.7063

■ 17.8300, 14.6138,
6.0187

■ 44.4791, 49.9583,
70.2504

■ 16.6731, 12.8476,
3.9448

■ 48.8816, 55.4849,
81.8247

■ 15.7384, 11.3544,
2.4733

■ 53.6353, 61.4092,
94.4564

■ 15.0080, 10.1187,
1.5362

■ 58.0642, 67.4653,
104.5695

■ 14.5261, 9.2691,
1.0235

■ 60.9086, 73.1541,
105.5177

Harmonies

Analogous

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



27.9305, 27.9936, 28.7944



27.4434, 27.9936, 27.2494



26.7389, 27.9936, 26.5719

Triad

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



27.4434, 27.9936, 27.2494



25.2049, 27.9936, 30.1050



27.2114, 27.9936, 34.3635

Complementary

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



27.4434, 27.9936, 27.2494



26.5759, 28.7467, 34.7202

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.



26.4757, 27.9936, 34.7542



27.4434, 27.9936, 27.2494



25.3261, 27.9936, 32.2306

Square

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



27.4434, 27.9936, 27.2494



25.4536, 27.9936, 28.1707



25.7879, 27.9936, 33.9569



27.7948, 27.9936, 32.9128

Rectangle

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



27.4434, 27.9936, 27.2494



26.2441, 27.9936, 26.6795



25.7879, 27.9936, 33.9569



26.9734, 27.9936, 34.6259

Sweetspot

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



27.4442, 27.9948, 27.2500



53.6358, 55.8634, 58.6374



27.4763, 26.6169, 31.7068



12.0566, 12.5342, 13.0687



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.



27.4442, 27.9948, 27.2500



48.6372, 49.2304, 46.5996



28.8374, 30.7813, 27.7144



6.3687, 6.5425, 6.5330



11.8648, 7.6120, 0.8439



0.2085, 0.1760, 0.0230

Inverse Universe

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



26.5759, 28.7467, 34.7202



46.7433, 50.8696, 62.8915



25.2191, 26.0330, 34.2680



6.2109, 6.6792, 7.8908



8.7086, 9.8138, 26.3430



0.1633, 0.2129, 0.4049

Previews

White Background



This preview shows how the XYZ color 27.4434, 27.9936, 27.2494 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 27.4434, 27.9936, 27.2494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

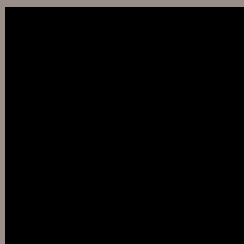
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

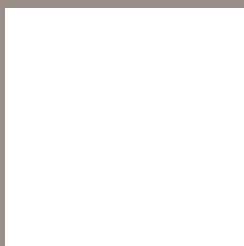
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.4434, 27.9936, 27.2494

Background



This preview shows how black text looks on a background with the XYZ color 27.4434, 27.9936, 27.2494.



This preview shows how white text looks on a background with the XYZ color 27.4434, 27.9936,

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

27.4434, 27.9936, 27.2494

Protanopia

26.8830, 28.1422, 27.6820

Deuteranopia

28.4459, 27.8484, 27.5429



Tritanopia

28.6743, 28.0585, 33.1827

Trichromacy



Original Color

27.4434, 27.9936, 27.2494

Protanomaly

27.1003, 28.0304, 27.6490

Deuteranomaly

27.9940, 27.8314, 27.5635

Tritanomaly

28.2308, 28.0936, 31.1288

Monochromacy



Original Color

27.4434, 27.9936, 27.2494

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.0685, 28.1954, 29.6068

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4434, 27.9936, 27.2494 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(154, 142, 136)` looks like.

```
.text, #text, p{  
    color:rgb(154, 142, 136)  
}
```

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(154, 142, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 142, 136) }
```

Border

The CSS property to change the border of an element to XYZ 27.4434, 27.9936, 27.2494 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(154, 142, 136) }
```


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

```
.border{ border-color:rgb(154, 142, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 142, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 142, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 142, 136);  
box-shadow:4px 4px 4px 4px rgb(154, 142,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4434, 27.9936, 27.2494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 142, 136) }
```

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

```
.background{ background-color: rgb(154,  
142, 136) }
```

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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