

Converting Colors

XYZ(28.2226, 27.4113, 34.7030)

Have a look what the booklet for
XYZ(28.2226, 27.4113, 34.7030)
contains.

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Color

**XYZ(28.1417, 27.3158,
34.7996)**

Conversions

Conversions Part 1

Format	Color
Hex	998A9B
RGB	153, 138, 155
RGB Percent	60%, 54%, 61%
CMY	0.4000, 0.4588, 0.3922
CMYK	0.01, 0.11, 0.00, 0.39
HSL	293°, 8%, 57%
HSV	293°, 11%, 61%
XYZ	28.1417, 27.3158, 34.7996
YIQ	144.4230, 3.4830, 8.4670

Conversions

Conversions Part 2

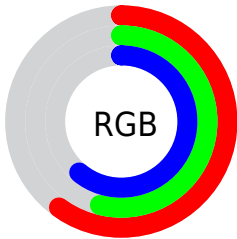
Format	Color
R_{YB}	153, 138, 155
Decimal	10062491
CIE Lab	59.27, 8.83, -6.97
CIE LCh	59, 11.254, 321.708
Yxy	27.3158, 0.3118, 0.3026
Android (android.graphics.Color)	4288252571 (0xFF998A9B)
YUV	144.4230, 5.2145, 7.5220
Hunter-Lab	52.2645, 4.6500, -2.8923

Details

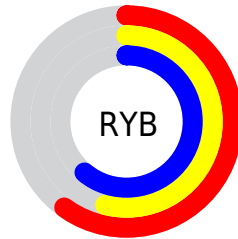
The XYZ color **28.1417, 27.3158, 34.7996** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.1251, 30.8539, 28.5719**, and the grayscale version is **26.6591, 28.0475, 30.5437**.

A 20% lighter version of the original color is **55.8716, 55.1305, 68.0181**, and **11.4679, 10.8037, 14.5776** is the 20% darker color. If you saturate the color by 10%, you get **25.7334, 23.0059, 34.0950**, and if you desaturate by 10%, it is **30.8743, 32.2655, 35.6114**.

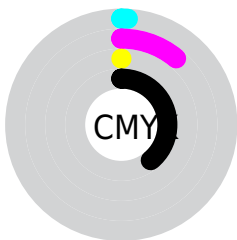
Distribution



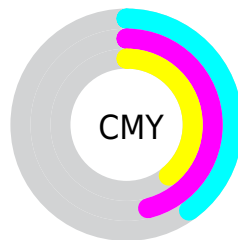
- Red (60%)
- Green (54%)
- Blue (61%)



- Red (60%)
- Yellow (54%)
- Blue (61%)



- Cyan (1%)
- Magenta (11%)
- Yellow (0%)
- Black (39%)



- Cyan (40%)
- Magenta (46%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.1417, 27.3158, 34.7996 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 28.1417, 27.3158, 34.7996 by changing the saturation by 10% instead.

■ 28.1417, 27.3158,
34.7996

■ 28.1417, 27.3158,
34.7996

285.2112,
289.1829, 338.5602

■ 18.5735, 17.8105,
23.2262

■ 56.1177, 55.3902,
68.3232

■ 11.4647, 10.8141,
14.5538

■ 75.2561, 74.7282,
91.1106

■ 6.4499, 5.9419,
8.3637

■ 98.3154, 98.1124,
118.4730

■ 3.1638, 2.8098,
4.2374

125.6608,
125.9275, 150.8291

■ 1.2409, 1.0333,
1.7565

157.6578,
158.5576, 188.5973

■ 0.1383, 0.0000,
0.3990

194.6716,

■ 0.0000, 0.0000,

196.3873, 232.1962

0.0000

237.0676,
239.8010, 282.0443

■ 28.1417, 27.3158,
34.7996

■ 28.1417, 27.3158,
34.7996

■ 25.7334, 23.0059,
34.0950

■ 30.8743, 32.2655,
35.6114

■ 23.6335, 19.3055,
33.4915

■ 33.9413, 37.8768,
36.5328

■ 21.8285, 16.1872,
32.9847

■ 37.3555, 44.1744,
37.5684

■ 20.3029, 13.6199,
32.5696

■ 41.1282, 51.1812,
38.7220

■ 19.0397, 11.5699,
32.2405

■ 45.2702, 58.9186,
39.9972

■ 18.0202, 9.9995,
31.9911

■ 49.7919, 67.4074,
41.3974

■ 17.2229, 8.8659,
31.8143

■ 54.7032, 76.6673,
42.9259

■ 16.6227, 8.1190,
31.7018

■ 57.7382, 82.1667,
43.8274

■ 16.1940, 7.6648,
31.6367

■ 58.1281, 82.3677,
43.8456

Harmonies

Analogous

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



26.9751, 27.3158, 37.5263



28.1417, 27.3158, 34.7996



28.7293, 27.3158, 30.8723

Triad

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



28.1417, 27.3158, 34.7996



26.3545, 27.3158, 22.7235



23.5326, 27.3158, 32.6971

Complementary

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



28.1417, 27.3158, 34.7996



27.1251, 30.8539, 28.5719

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.



23.3799, 27.3158, 28.6401



28.1417, 27.3158, 34.7996



24.9763, 27.3158, 23.1167

Square

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



28.1417, 27.3158, 34.7996



27.6734, 27.3158, 24.0730



23.8995, 27.3158, 25.2003



24.3243, 27.3158, 36.2382

Rectangle

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



28.1417, 27.3158, 34.7996



28.6994, 27.3158, 28.1996



23.8995, 27.3158, 25.2003



23.4060, 27.3158, 31.3402

Sweetspot

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



28.1425, 27.3170, 34.8002



54.2192, 55.8322, 63.4553



25.8159, 26.6053, 34.7855



12.1837, 12.4765, 14.3364



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.



28.1425, 27.3170, 34.8002



49.3625, 47.0560, 62.0173



28.0131, 27.3092, 32.1318



6.3897, 6.2868, 7.8057



13.0277, 6.1671, 25.4114



0.2124, 0.1013, 0.3807

Inverse Universe

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



27.3406, 27.0402, 28.5907



47.6599, 46.4700, 48.7580



27.2554, 30.8674, 31.0017



6.2369, 6.2339, 6.6276



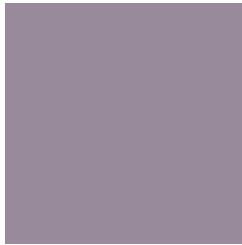
10.9547, 5.6361, 1.0207



0.1705, 0.0870, 0.0509

Previews

White Background



This preview shows how the XYZ color 28.1417, 27.3158, 34.7996 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 28.1417, 27.3158, 34.7996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

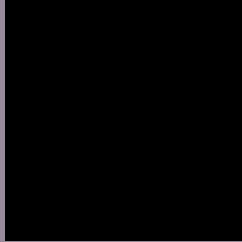
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.1417, 27.3158, 34.7996

Background



This preview shows how black text looks on a background with the XYZ color 28.1417, 27.3158, 34.7996.



This preview shows how white text looks on a background with the XYZ color 28.1417, 27.3158,

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

28.1417, 27.3158, 34.7996

Protanopia

26.7433, 27.4430, 35.7858

Deuteranopia

27.9115, 27.4111, 34.8301



Tritanopia

27.6865, 27.3426, 32.6726

Trichromacy



Original Color

28.1417, 27.3158, 34.7996

Protanomaly

27.2027, 27.4698, 35.3210

Deuteranomaly

28.0979, 27.5072, 34.8388

Tritanomaly

27.8490, 27.4076, 33.5282

Monochromacy



Original Color

28.1417, 27.3158, 34.7996

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

27.0509, 27.6872, 31.9354

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1417, 27.3158, 34.7996 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, 138, 155)` looks like.

```
.text, #text, p{  
    color:rgb(153, 138, 155)  
}
```

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, 138, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 138, 155) }
```

Border

The CSS property to change the border of an element to XYZ 28.1417, 27.3158, 34.7996 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, 138, 155) }
```


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

```
.border{ border-color:rgb(153, 138, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 138, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 138, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 138, 155);  
box-shadow:4px 4px 4px 4px rgb(153, 138,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1417, 27.3158, 34.7996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 138, 155) }
```

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

```
.background{ background-color: rgb(153,  
138, 155) }
```

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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