

Converting Colors

XYZ(27.3828, 27.0420, 31.5035)

Have a look what the booklet for
XYZ(27.3828, 27.0420, 31.5035)
contains.

XYZ(27.3038, 26.9589, 31.3683)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(27.3038, 26.9589,
31.3683)**

Conversions

Conversions Part 1

Format	Color
Hex	988A93
RGB	152, 138, 147
RGB Percent	60%, 54%, 58%
CMY	0.4039, 0.4588, 0.4235
CMYK	0.00, 0.09, 0.03, 0.40
HSL	321°, 6%, 57%
HSV	321°, 9%, 60%
XYZ	27.3038, 26.9589, 31.3683
YIQ	143.2120, 5.4550, 5.7670

Conversions

Conversions Part 2

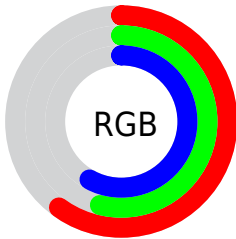
Format	Color
R_{YB}	152, 138, 147
Decimal	9996947
CIE _{Lab}	58.94, 6.91, -2.89
CIE _{LCh}	59, 7.491, 337.302
Yxy	26.9589, 0.3189, 0.3148
Android (android.graphics.Color)	4288187027 (0xFF988A93)
YUV	143.2120, 1.8675, 7.7071
Hunter-Lab	51.9220, 3.0030, 0.5257

Details

The XYZ color **27.3038, 26.9589, 31.3683** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.6684, 29.8436, 30.3428**, and the grayscale version is **26.1849, 27.5486, 30.0004**.

A 20% lighter version of the original color is **54.6270, 54.6005, 62.9181**, and **10.9679, 10.5907, 12.5325** is the 20% darker color. If you saturate the color by 10%, you get **24.8580, 22.7328, 28.5006**, and if you desaturate by 10%, it is **30.0765, 31.8058, 34.4449**.

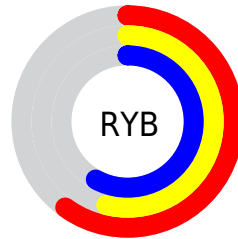
Distribution



Red (60%)

Green (54%)

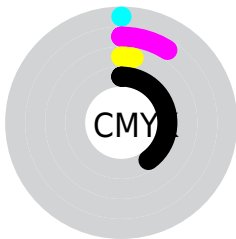
Blue (58%)



Red (60%)

Yellow (54%)

Blue (58%)

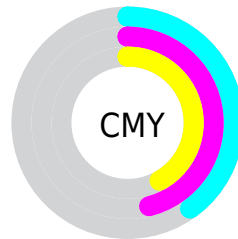


Cyan (0%)

Magenta (9%)

Yellow (3%)

Black (40%)



Cyan (40%)

Magenta (46%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3038, 26.9589, 31.3683 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 27.3038, 26.9589, 31.3683 by changing the saturation by 10% instead.

■ 27.3038, 26.9589,
31.3683

■ 27.3038, 26.9589,
31.3683

281.2659,
287.4581, 322.6351

■ 17.9393, 17.5424,
20.6186

■ 54.7874, 54.8179,
62.9058

■ 11.0058, 10.6219,
12.6570

■ 73.6373, 74.0292,
84.5308

■ 6.1381, 5.8132,
7.0649

■ 96.3796, 97.2741,
110.6179

■ 2.9707, 2.7318,
3.4236

123.3797,
124.9371, 141.5857

■ 1.1383, 0.9934,
1.3148

155.0031,
157.4027, 177.8528

■ 0.0568, 0.0000,
0.0739

191.6150,

■ 0.0000, 0.0000,

195.0551, 219.8377

0.0000

233.5808,
238.2787, 267.9590

■ 27.3038, 26.9589,
31.3683

■ 27.3038, 26.9589,
31.3683

■ 24.8580, 22.7328,
28.5006

■ 30.0765, 31.8058,
34.4449

■ 22.7239, 19.0987,
25.8343

■ 33.1858, 37.2938,
37.7339

■ 20.8885, 16.0307,
23.3640

■ 36.6442, 43.4468,
41.2411

■ 19.3370, 13.4996,
21.0835

■ 40.4624, 50.2862,
44.9715

■ 18.0531, 11.4736,
18.9859

■ 44.6511, 57.8324,
48.9297

■ 17.0192, 9.9174,
17.0637

■ 49.2201, 66.1052,
53.1202

■ 16.2150, 8.7913,
15.3088

■ 54.1792, 75.1234,
57.5477

■ 15.6170, 8.0488,
13.7117

■ 58.0511, 81.9323,
61.7207

■ 15.1731, 7.5860,
12.2535

■ 58.6576, 82.1749,
64.9145

Harmonies

Analogous

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



26.7193, 26.9589, 33.6053



27.3038, 26.9589, 31.3683



27.4330, 26.9589, 28.7095

Triad

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



27.3038, 26.9589, 31.3683



25.3977, 26.9589, 24.5749



24.2315, 26.9589, 32.5579

Complementary

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



27.3038, 26.9589, 31.3683



26.6684, 29.8436, 30.3428

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.



23.8956, 26.9589, 30.0074



27.3038, 26.9589, 31.3683



24.5583, 26.9589, 25.4766

Square

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



27.3038, 26.9589, 31.3683



26.3177, 26.9589, 24.8907



24.0138, 26.9589, 27.4272



24.9418, 26.9589, 34.3205

Rectangle

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



27.3038, 26.9589, 31.3683



27.2407, 26.9589, 27.0735



24.0138, 26.9589, 27.4272



24.0718, 26.9589, 31.7584

Sweetspot

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



27.3046, 26.9601, 31.3689



51.1345, 52.7151, 58.6638



26.0674, 26.2760, 33.4040



11.5357, 11.8302, 13.2379



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.



27.3046, 26.9601, 31.3689



47.2835, 46.0043, 54.3243



26.7793, 26.7500, 28.6027



6.3675, 6.2862, 7.3153



12.7094, 6.3380, 10.2605



0.2072, 0.1016, 0.2440

Inverse Universe

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



27.3046, 26.9601, 31.3689



47.2835, 46.0043, 54.3243



27.2073, 30.0591, 33.1805



6.3675, 6.2862, 7.3153



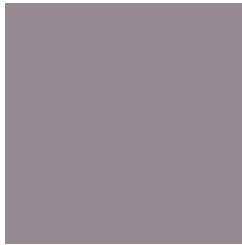
12.7094, 6.3380, 10.2605



0.2072, 0.1016, 0.2440

Previews

White Background



This preview shows how the XYZ color 27.3038, 26.9589, 31.3683 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 27.3038, 26.9589, 31.3683 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

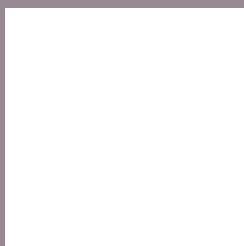
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.3038, 26.9589, 31.3683

Background



This preview shows how black text looks on a background with the XYZ color 27.3038, 26.9589, 31.3683.



This preview shows how white text looks on a background with the XYZ color 27.3038, 26.9589,

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

27.3038, 26.9589, 31.3683

Protanopia

26.1050, 26.9705, 32.2637

Deuteranopia

27.4918, 27.0558, 31.3771



Tritanopia

27.4622, 27.0223, 32.2022

Trichromacy



Original Color

27.3038, 26.9589, 31.3683

Protanomaly

26.5774, 27.0053, 31.8287

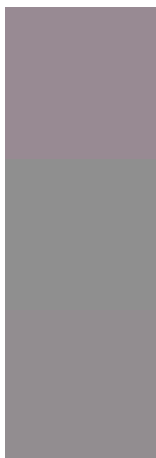
Deuteranomaly

27.4918, 27.0558, 31.3771

Tritanomaly

27.3827, 26.9905, 31.7834

Monochromacy



Original Color

27.3038, 26.9589, 31.3683

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.4130, 27.1744, 30.2386

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3038, 26.9589, 31.3683 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(152, 138, 147)` looks like.

```
.text, #text, p{  
    color:rgb(152, 138, 147)  
}
```

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(152, 138, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 138, 147) }
```

Border

The CSS property to change the border of an element to XYZ 27.3038, 26.9589, 31.3683 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(152, 138, 147) }
```


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

```
.border{ border-color:rgb(152, 138, 147) }
```

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

Here you see how a box with a 4 pixel rgb(152, 138, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 138, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 138, 147);  
box-shadow:4px 4px 4px 4px rgb(152, 138,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3038, 26.9589, 31.3683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 138, 147) }
```

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

```
.background{ background-color: rgb(152,  
138, 147) }
```

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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