

Converting Colors

XYZ(26.9230, 29.7460, 29.8501)

Have a look what the booklet for
XYZ(26.9230, 29.7460, 29.8501)
contains.

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Color

**XYZ(26.9336, 29.7489,
29.9138)**

Conversions

Conversions Part 1

Format	Color
Hex	8D978E
RGB	141, 151, 142
RGB Percent	55%, 59%, 56%
CMY	0.4471, 0.4078, 0.4431
CMYK	0.07, 0.00, 0.06, 0.41
HSL	126°, 5%, 57%
HSV	126°, 7%, 59%
XYZ	26.9336, 29.7489, 29.9138
YIQ	146.9840, -3.0710, -4.9190

Conversions

Conversions Part 2

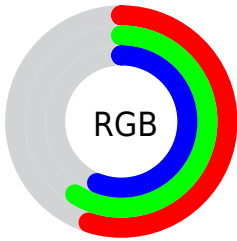
Format	Color
RYB	141, 150, 151
Decimal	9279374
CIELab	61.44, -5.37, 3.49
CIELCh	61, 6.404, 146.922
Yxy	29.7489, 0.3110, 0.3435
Android (android.graphics.Color)	4287469454 (0xFF8D978E)
YUV	146.9840, -2.4571, -5.2480
Hunter-Lab	54.5426, -7.3046, 5.6623

Details

The XYZ color **26.9336, 29.7489, 29.9138** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.7935, 27.8318, 32.7627**, and the grayscale version is **27.7380, 29.1825, 31.7797**.

A 20% lighter version of the original color is **54.3008, 59.2503, 60.7990**, and **10.8033, 12.1112, 11.8935** is the 20% darker color. If you saturate the color by 10%, you get **23.5801, 28.1318, 24.7514**, and if you desaturate by 10%, it is **30.7633, 31.5989, 35.7493**.

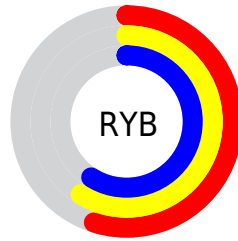
Distribution



Red (55%)

Green (59%)

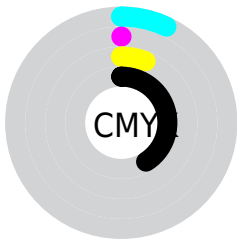
Blue (56%)



Red (55%)

Yellow (59%)

Blue (59%)

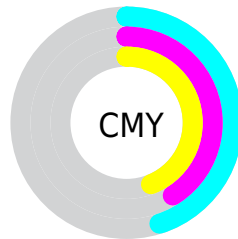


Cyan (7%)

Magenta (0%)

Yellow (6%)

Black (41%)



Cyan (45%)

Magenta (41%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9336, 29.7489, 29.9138 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 26.9336, 29.7489, 29.9138 by changing the saturation by 10% instead.

■ 26.9336, 29.7489,
29.9138

■ 26.9336, 29.7489,
29.9138

279.5089,
300.7323, 315.6972

■ 17.6597, 19.6481,
19.5217

■ 54.1979, 59.2649,
60.5852

■ 10.8041, 12.1395,
11.8672

■ 72.9191, 79.4488,
81.7016

■ 6.0016, 6.8387,
6.5319

■ 95.5200, 103.7625,
107.2298

■ 2.8867, 3.3615,
3.0971

122.3661,
132.5904, 137.5884

■ 1.0941, 1.3232,
1.1444

153.8226,
166.3170, 173.1959

■ 0.0202, 0.1591,
0.0000

190.2551,

■ 0.0000, 0.0000,

205.3266, 214.4708

0.0000

232.0287,
250.0035, 261.8318

■ 26.9336, 29.7489,
29.9138

■ 26.9336, 29.7489,
29.9138

■ 23.5801, 28.1318,
24.7514

■ 30.7633, 31.5989,
35.7493

■ 20.6818, 26.7346,
20.2358

■ 35.0843, 33.6863,
42.2787

■ 18.2198, 25.5490,
16.3423

■ 39.9139, 36.0207,
49.5246

■ 16.1729, 24.5647,
13.0436

■ 45.2680, 38.6097,
57.5077

■ 14.5180, 23.7703,
10.3103

■ 51.1618, 41.4608,
66.2482

■ 13.2301, 23.1537,
8.1107

■ 57.6098, 44.5809,
75.7653

■ 12.2809, 22.7011,
6.4100

■ 64.6260, 47.9768,
86.0774

■ 11.6381, 22.3965,
5.1690

■ 69.6762, 50.3420,
97.0834

■ 11.2545, 22.2166,
4.3424

■ 70.3572, 50.6143,
100.6691

Harmonies

Analogous

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



27.5450, 29.7489, 28.4111



26.9336, 29.7489, 29.9138



26.6813, 29.7489, 32.1419

Triad

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



26.9336, 29.7489, 29.9138



28.1882, 29.7489, 37.2719



29.7514, 29.7489, 30.3267

Complementary

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



26.9336, 29.7489, 29.9138



27.7935, 27.8318, 32.7627

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.



29.9318, 29.7489, 32.6424



26.9336, 29.7489, 29.9138



29.0187, 29.7489, 36.7273

Square

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



26.9336, 29.7489, 29.9138



27.3965, 29.7489, 36.4559



29.6611, 29.7489, 35.0024



29.1730, 29.7489, 28.6410

Rectangle

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



26.9336, 29.7489, 29.9138



26.7469, 29.7489, 33.7671



29.6611, 29.7489, 35.0024



29.8611, 29.7489, 31.0537

Sweetspot

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



26.9344, 29.7502, 29.9145



51.2696, 54.7417, 58.2084



28.4839, 30.5576, 29.5967



11.6722, 12.4514, 13.2594



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.



26.9344, 29.7502, 29.9145



47.2567, 52.8047, 52.0730



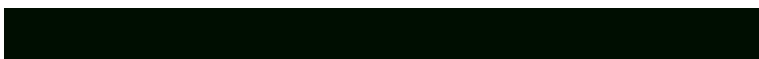
27.3054, 29.8986, 31.8681



6.1560, 6.9351, 6.7450



9.4941, 18.8611, 3.5565



0.1477, 0.2843, 0.0837

Inverse Universe

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



27.7935, 27.8318, 32.7627



49.1326, 48.6152, 58.2931



27.4120, 27.6792, 30.7542



6.4346, 6.3130, 7.6687



14.6378, 7.1094, 20.4157



0.2255, 0.1090, 0.3404

Previews

White Background



This preview shows how the XYZ color 26.9336, 29.7489, 29.9138 looks on a white background.

Color Contrast Check

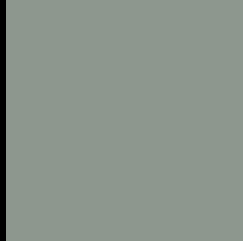
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9336, 29.7489, 29.9138 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

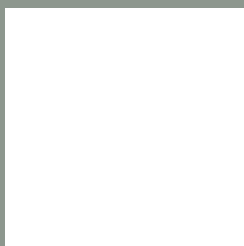
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.9336, 29.7489, 29.9138

Background



This preview shows how black text looks on a background with the XYZ color 26.9336, 29.7489, 29.9138.



This preview shows how white text looks on a background with the XYZ color 26.9336, 29.7489,

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

26.9336, 29.7489, 29.9138

Protanopia

28.4604, 29.8456, 29.0717

Deuteranopia

30.1663, 29.5511, 30.4995



Tritanopia

28.4367, 29.6472, 37.4814

Trichromacy



Original Color

26.9336, 29.7489, 29.9138

Protanomaly

27.9496, 29.8075, 29.4796

Deuteranomaly

28.9471, 29.6089, 30.1760

Tritanomaly

27.8249, 29.6344, 34.3905

Monochromacy



Original Color

26.9336, 29.7489, 29.9138

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.3778, 29.2439, 30.9897

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9336, 29.7489, 29.9138 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(141, 151, 142) looks like.

```
.text, #text, p{  
    color:rgb(141, 151, 142)  
}
```

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(141, 151, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 151, 142) }
```

Border

The CSS property to change the border of an element to XYZ 26.9336, 29.7489, 29.9138 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(141, 151, 142) }
```


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

```
.border{ border-color:rgb(141, 151, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 151, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 151, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 151, 142);  
box-shadow:4px 4px 4px 4px rgb(141, 151,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9336, 29.7489, 29.9138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 151, 142) }
```

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

```
.background{ background-color: rgb(141,  
151, 142) }
```

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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