

Converting Colors

XYZ(26.1263, 29.3575, 28.7991)

Have a look what the booklet for
XYZ(26.1263, 29.3575, 28.7991)
contains.

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Color

**XYZ(26.0433, 29.3157,
28.7120)**

Conversions

Conversions Part 1

Format	Color
Hex	89978B
RGB	137, 151, 139
RGB Percent	54%, 59%, 55%
CMY	0.4627, 0.4078, 0.4549
CMYK	0.09, 0.00, 0.08, 0.41
HSL	129°, 6%, 56%
HSV	129°, 9%, 59%
XYZ	26.0433, 29.3157, 28.7120
YIQ	145.4460, -4.4920, -6.7000

Conversions

Conversions Part 2

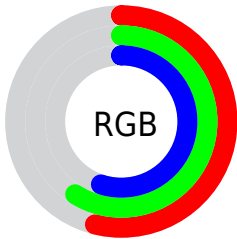
Format	Color
RYB	137, 149, 151
Decimal	9017227
CIELab	61.06, -7.40, 4.61
CIElCh	61, 8.715, 148.075
Yxy	29.3157, 0.3098, 0.3487
Android (android.graphics.Color)	4287207307 (0xFF89978B)
YUV	145.4460, -3.1779, -7.4071
Hunter-Lab	54.1440, -8.8933, 6.4599

Details

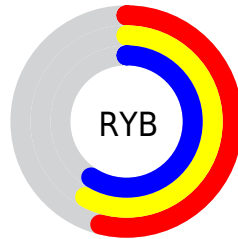
The XYZ color **26.0433, 29.3157, 28.7120** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.1340, 26.6411, 32.1472**, and the grayscale version is **27.1097, 28.5215, 31.0599**.

A 20% lighter version of the original color is **52.5810, 58.4156, 58.3732**, and **10.2908, 11.8618, 11.1984** is the 20% darker color. If you saturate the color by 10%, you get **22.8488, 27.7726, 23.9148**, and if you desaturate by 10%, it is **29.6979, 31.0847, 34.1165**.

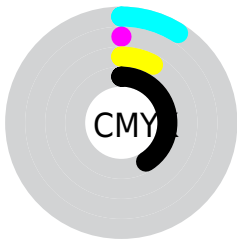
Distribution



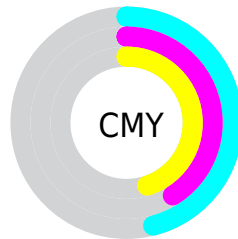
- Red (54%)
- Green (59%)
- Blue (55%)



- Red (54%)
- Yellow (58%)
- Blue (59%)



- Cyan (9%)
- Magenta (0%)
- Yellow (8%)
- Black (41%)



- Cyan (46%)
- Magenta (41%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0433, 29.3157, 28.7120 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 26.0433, 29.3157, 28.7120 by changing the saturation by 10% instead.

■ 26.0433, 29.3157,
28.7120

■ 26.0433, 29.3157,
28.7120

275.2474,
298.7016, 309.8720

■ 16.9889, 19.3198,
18.6194

■ 52.7756, 58.5783,
58.6559

■ 10.3218, 11.9016,
11.2215

■ 71.1842, 78.6138,
79.3443

■ 5.6768, 6.6767,
6.1000

■ 93.4415, 102.7645,
104.4016

■ 2.6883, 3.2607,
2.8362

119.9130,
131.4150, 134.2465

■ 0.9912, 1.2693,
1.0116

150.9640,
164.9495, 169.2974

■ 0.0000, 0.1173,
0.0000

186.9598,

■ 0.0000, 0.0000,

203.7525, 209.9729

0.0000

228.2658,
248.2084, 256.6916

■ 26.0433, 29.3157,
28.7120

■ 26.0433, 29.3157,
28.7120

■ 22.8488, 27.7726,
23.9148

■ 29.6979, 31.0847,
34.1165

■ 20.0937, 26.4427,
19.7018

■ 33.8274, 33.0844,
40.1464

■ 17.7595, 25.3177,
16.0512

■ 38.4487, 35.3238,
46.8217

■ 15.8252, 24.3875,
12.9393

■ 43.5775, 37.8107,
54.1606

■ 14.2682, 23.6407,
10.3405

■ 49.2286, 40.5522,
62.1807

■ 13.0636, 23.0652,
8.2271

■ 55.4162, 43.5555,
70.8992

■ 12.1831, 22.6471,
6.5691

■ 62.1540, 46.8271,
80.3323

■ 11.5945, 22.3704,
5.3329

■ 68.4161, 49.8380,
90.4473

■ 11.2308, 22.2014,
4.4788

■ 70.3572, 50.6144,
100.6691

Harmonies

Analogous

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



26.8442, 29.3157, 26.6921



26.0433, 29.3157, 28.7120



25.7286, 29.3157, 31.7093

Triad

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



26.0433, 29.3157, 28.7120



27.7901, 29.3157, 38.6183



29.8441, 29.3157, 29.0539

Complementary

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



26.0433, 29.3157, 28.7120



27.1340, 26.6411, 32.1472

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.



30.1137, 29.3157, 32.1313



26.0433, 29.3157, 28.7120



28.9087, 29.3157, 37.7891

Square

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



26.0433, 29.3157, 28.7120



26.7199, 29.3157, 37.5535



29.7670, 29.3157, 35.3581



29.0397, 29.3157, 26.8798

Rectangle

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



26.0433, 29.3157, 28.7120



25.8302, 29.3157, 33.9086



29.7670, 29.3157, 35.3581



30.0012, 29.3157, 30.0103

Sweetspot

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



26.0441, 29.3170, 28.7126



50.6063, 54.4192, 57.3009



28.0020, 30.3430, 28.0480



11.3863, 12.3127, 12.8525



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.



26.0441, 29.3170, 28.7126



45.4620, 51.9310, 49.6616



26.5620, 29.5241, 31.4396



6.1663, 6.9393, 6.7993



9.5413, 18.8800, 3.8050



0.1507, 0.2855, 0.0995

Inverse Universe

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



27.1340, 26.6411, 32.1472



47.7929, 46.2081, 57.0067



26.6016, 26.4282, 29.3435



6.4233, 6.3085, 7.6090



14.2604, 6.9584, 18.4281



0.2223, 0.1077, 0.3235

Previews

White Background



This preview shows how the XYZ color 26.0433, 29.3157, 28.7120 looks on a white background.

Color Contrast Check

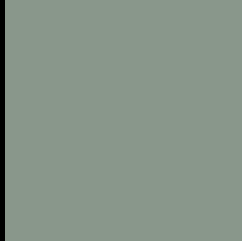
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0433, 29.3157, 28.7120 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

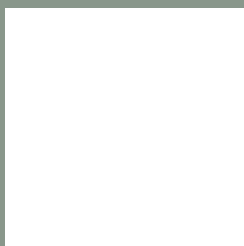
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.0433, 29.3157, 28.7120

Background



This preview shows how black text looks on a background with the XYZ color 26.0433, 29.3157, 28.7120.



This preview shows how white text looks on a background with the XYZ color 26.0433, 29.3157,

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

26.0433, 29.3157, 28.7120

Protanopia

27.8980, 29.3490, 27.8614

Deuteranopia

29.7906, 29.1616, 29.2579



Tritanopia

27.7503, 29.2933, 37.4493

Trichromacy



Original Color

26.0433, 29.3157, 28.7120

Protanomaly

27.2100, 29.2178, 28.2502

Deuteranomaly

28.1854, 29.0143, 28.9257

Tritanomaly

27.0624, 29.2509, 33.9254

Monochromacy



Original Color

26.0433, 29.3157, 28.7120

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.5470, 28.6014, 30.1080

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0433, 29.3157, 28.7120 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(137, 151, 139)` looks like.

```
.text, #text, p{  
    color:rgb(137, 151, 139)  
}
```

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(137, 151, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 151, 139) }
```

Border

The CSS property to change the border of an element to XYZ 26.0433, 29.3157, 28.7120 is called "border". The border property can be set on classes, ids or directly on the HTML element.

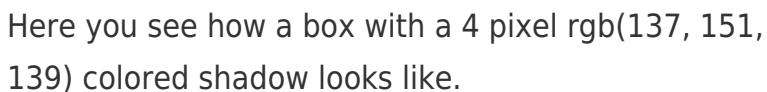
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(137, 151, 139) }
```


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

```
.border{ border-color:rgb(137, 151, 139) }
```

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



Here you see how a box with a 4 pixel `rgb(137, 151, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 151, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 151, 139);  
box-shadow:4px 4px 4px 4px rgb(137, 151,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0433, 29.3157, 28.7120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 151, 139) }
```

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

```
.background{ background-color: rgb(137,  
151, 139) }
```

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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