

Converting Colors

XYZ(26.0808, 27.1983, 27.0257)

Have a look what the booklet for
XYZ(26.0808, 27.1983, 27.0257)
contains.

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Color

**XYZ(26.1496, 27.3266,
27.1889)**

Conversions

Conversions Part 1

Format	Color
Hex	938E88
RGB	147, 142, 136
RGB Percent	58%, 56%, 53%
CMY	0.4235, 0.4431, 0.4667
CMYK	0.00, 0.03, 0.07, 0.42
HSL	33°, 5%, 55%
HSV	33°, 7%, 58%
XYZ	26.1496, 27.3266, 27.1889
YIQ	142.8110, 4.9060, -0.8060

Conversions

Conversions Part 2

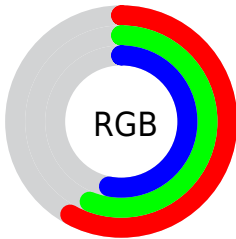
Format	Color
R_{YB}	145, 147, 136
Decimal	9670280
CIE _{Lab}	59.28, 0.73, 3.84
CIE _{LCh}	59, 3.912, 79.196
Yxy	27.3266, 0.3242, 0.3388
Android (android.graphics.Color)	4287860360 (0xFF938E88)
YUV	142.8110, -3.3578, 3.6738
Hunter-Lab	52.2749, -2.1894, 5.7548

Details

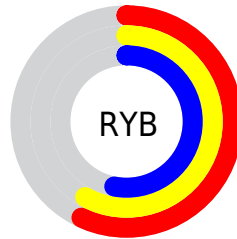
The XYZ color **26.1496, 27.3266, 27.1889** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.9448, 26.3903, 31.3833**, and the grayscale version is **26.0453, 27.4017, 29.8404**.

A 20% lighter version of the original color is **53.0126, 55.5715, 56.0764**, and **10.3307, 10.8130, 10.3467** is the 20% darker color. If you saturate the color by 10%, you get **24.2119, 25.0097, 21.7374**, and if you desaturate by 10%, it is **28.2917, 29.8223, 33.4162**.

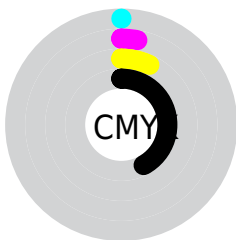
Distribution



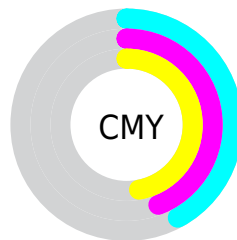
- Red (58%)
- Green (56%)
- Blue (53%)



- Red (57%)
- Yellow (58%)
- Blue (53%)



- Cyan (0%)
- Magenta (3%)
- Yellow (7%)
- Black (42%)



- Cyan (42%)
- Magenta (44%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1496, 27.3266, 27.1889 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 26.1496, 27.3266, 27.1889 by changing the saturation by 10% instead.

■ 26.1496, 27.3266,
27.1889

■ 26.1496, 27.3266,
27.1889

275.7589,
289.2350, 302.3596

■ 17.0689, 17.8187,
17.4815

■ 52.9458, 55.4075,
56.1943

■ 10.3792, 10.8199,
10.4128

■ 71.3919, 74.7493,
76.3293

■ 5.7153, 5.9458,
5.5643

■ 93.6906, 98.1378,
100.7772

■ 2.7117, 2.8122,
2.5176

120.2071,
125.9574, 129.9566

■ 1.0032, 1.0345,
0.8494

151.3068,
158.5925, 164.2860

■ 0.0000, 0.0000,
0.0000

187.3551,

196.4276, 204.1839

228.7174,
239.8469, 250.0690

■ 26.1496, 27.3266,
27.1889

■ 26.1496, 27.3266,
27.1889

■ 24.2119, 25.0097,
21.7374

■ 28.2917, 29.8223,
33.4162

■ 22.4694, 22.8637,
17.0290

■ 30.6425, 32.4974,
40.4467

■ 20.9158, 20.8852,
13.0313

■ 33.2087, 35.3572,
48.3086

■ 19.5432, 19.0692,
9.7091

■ 35.9964, 38.4056,
57.0280

■ 18.3432, 17.4107,
7.0236

■ 39.0111, 41.6462,
66.6302

■ 17.3068, 15.9041,
4.9324

■ 42.2582, 45.0829,
77.1392

■ 16.4237, 14.5435,
3.3878

■ 45.7432, 48.7190,
88.5782

■ 15.6823, 13.3222,
2.3345

■ 49.4709, 52.5581,
100.9695

■ 15.0625, 12.2300,
1.6730

■ 51.2296, 55.7168,
102.6621

Harmonies

Analogous

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



26.5918, 27.3266, 27.7637



26.1496, 27.3266, 27.1889



25.6655, 27.3266, 27.2850

Triad

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



26.1496, 27.3266, 27.1889



25.0960, 27.3266, 30.6474



26.6907, 27.3266, 31.5469

Complementary

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



26.1496, 27.3266, 27.1889



24.9448, 26.3903, 31.3833

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.



26.2832, 27.3266, 32.3677



26.1496, 27.3266, 27.1889



25.3641, 27.3266, 31.8372

Square

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



26.1496, 27.3266, 27.1889



25.0613, 27.3266, 29.2526



25.7974, 27.3266, 32.4756



26.9068, 27.3266, 30.2612

Rectangle

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



26.1496, 27.3266, 27.1889



25.3840, 27.3266, 27.7174



25.7974, 27.3266, 32.4756



26.5713, 27.3266, 31.8880

Sweetspot

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



26.1504, 27.3278, 27.1895



48.8720, 51.3308, 54.5846



25.6549, 25.7389, 28.8677



11.1676, 11.7307, 12.4931



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.1504, 27.3278, 27.1895



46.2147, 48.2108, 46.9334



26.8451, 28.8147, 27.4399



6.0473, 6.3083, 6.1394



12.9571, 10.4287, 1.3300



0.1881, 0.1866, 0.0261

Inverse Universe

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



24.9448, 26.3903, 31.3833



43.5942, 46.1732, 56.0492



24.2841, 24.9803, 31.1460



5.7035, 6.0410, 7.3352



6.3191, 5.3329, 24.6273



0.1062, 0.1230, 0.3110

Previews

White Background



This preview shows how the XYZ color 26.1496, 27.3266, 27.1889 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 26.1496, 27.3266, 27.1889 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

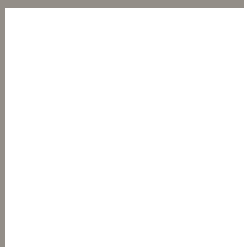
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.1496, 27.3266, 27.1889

Background



This preview shows how black text looks on a background with the XYZ color 26.1496, 27.3266, 27.1889.



This preview shows how white text looks on a background with the XYZ color 26.1496, 27.3266,

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

26.1496, 27.3266, 27.1889

Protanopia

26.1496, 27.3266, 27.1889

Deuteranopia

27.9019, 27.3540, 27.4762



Tritanopia

27.3584, 27.3801, 33.1211

Trichromacy



Original Color

26.1496, 27.3266, 27.1889

Protanomaly

26.1496, 27.3266, 27.1889

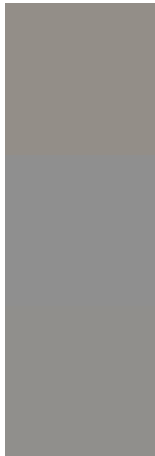
Deuteranomaly

27.2655, 27.2399, 27.4877

Tritanomaly

26.9259, 27.4210, 31.0678

Monochromacy



Original Color

26.1496, 27.3266, 27.1889

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.0577, 27.4677, 28.7393

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1496, 27.3266, 27.1889 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(147, 142, 136) looks like.

```
.text, #text, p{  
    color:rgb(147, 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(147, 142, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 142, 136) }
```

Border

The CSS property to change the border of an element to XYZ 26.1496, 27.3266, 27.1889 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(147, 142, 136) }
```


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

```
.border{ border-color:rgb(147, 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(147, 142, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 142, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 142, 136);  
box-shadow:4px 4px 4px 4px rgb(147, 142,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1496, 27.3266, 27.1889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 142, 136) }
```

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

```
.background{ background-color: rgb(147,  
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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