

Converting Colors

XYZ(26.8242, 31.2899, 26.8917)

Have a look what the booklet for
XYZ(26.8242, 31.2899, 26.8917)
contains.

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Color

**XYZ(26.7718, 31.2107,
26.8035)**

Conversions

Conversions Part 1

Format	Color
Hex	8A9D85
RGB	138, 157, 133
RGB Percent	54%, 62%, 52%
CMY	0.4588, 0.3843, 0.4784
CMYK	0.12, 0.00, 0.15, 0.38
HSL	108°, 11%, 57%
HSV	108°, 15%, 62%
XYZ	26.7718, 31.2107, 26.8035
YIQ	148.5830, -3.6200, -11.4920

Conversions

Conversions Part 2

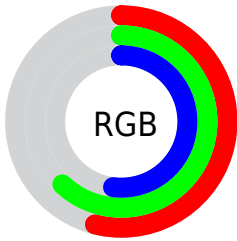
Format	Color
RYB	133, 157, 152
Decimal	9084293
CIELab	62.69, -11.40, 10.32
CIELCh	63, 15.380, 137.861
Yxy	31.2107, 0.3158, 0.3681
Android (android.graphics.Color)	4287274373 (0xFF8A9D85)
YUV	148.5830, -7.6824, -9.2813
Hunter-Lab	55.8665, -12.2275, 10.6606

Details

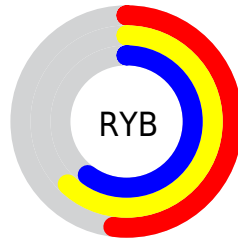
The XYZ color **26.7718, 31.2107, 26.8035** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.4236, 25.8857, 35.4511**, and the grayscale version is **28.4250, 29.9053, 32.5668**.

A 20% lighter version of the original color is **54.1446, 61.8386, 55.5367**, and **10.7399, 13.0073, 10.1282** is the 20% darker color. If you saturate the color by 10%, you get **23.8271, 29.8097, 21.4205**, and if you desaturate by 10%, it is **30.1157, 32.8006, 33.0529**.

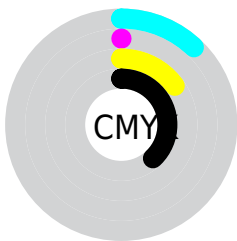
Distribution



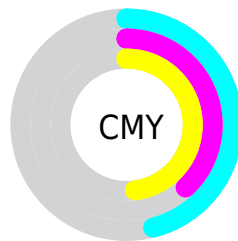
- Red (54%)
- Green (62%)
- Blue (52%)



- Red (52%)
- Yellow (62%)
- Blue (60%)



- Cyan (12%)
- Magenta (0%)
- Yellow (15%)
- Black (38%)



- Cyan (46%)
- Magenta (38%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7718, 31.2107, 26.8035 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 26.7718, 31.2107, 26.8035 by changing the saturation by 10% instead.

■ 26.7718, 31.2107,
26.8035

■ 26.7718, 31.2107,
26.8035

278.7383,
307.5078, 300.4345

■ 17.5376, 20.7593,
17.1946

■ 53.9399, 61.5716,
55.5683

■ 10.7162, 12.9482,
10.2099

■ 72.6046, 82.2500,
75.5612

■ 5.9422, 7.3929,
5.4309

■ 95.1435, 107.1062,
99.8526

■ 2.8503, 3.7090,
2.4391

121.9219,
136.5246, 128.8609

■ 1.0751, 1.5122,
0.8076

153.3052,
170.8895, 163.0047

■ 0.0041, 0.2973,
0.0000

189.6588,

■ 0.0000, 0.0000,

210.5855, 202.7025

0.0000

231.3480,
255.9968, 248.3729

■ 26.7718, 31.2107,
26.8035

■ 26.7718, 31.2107,
26.8035

■ 23.8271, 29.8097,
21.4205

■ 30.1157, 32.8006,
33.0529

■ 21.2642, 28.5866,
16.8638

■ 33.8707, 34.5820,
40.2024

■ 19.0677, 27.5355,
13.0929

■ 38.0509, 36.5624,
48.2864

■ 17.2204, 26.6483,
10.0635

■ 42.6695, 38.7478,
57.3370

■ 15.7038, 25.9166,
7.7266

■ 47.7387, 41.1440,
67.3847

■ 14.4972, 25.3310,
6.0273

■ 53.2704, 43.7563,
78.4585

■ 13.5779, 24.8810,
4.9027

■ 59.2760, 46.5901,
90.5865

■ 12.9182, 24.5542,
4.2710

■ 65.1808, 49.4161,
100.7106

■ 12.6753, 24.4337,
4.0481

■ 69.4866, 51.6358,
100.9121

Harmonies

Analogous

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



28.4442, 31.2107, 24.1267



26.7718, 31.2107, 26.8035



25.8917, 31.2107, 31.6102

Triad

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



26.7718, 31.2107, 26.8035



28.8243, 31.2107, 46.5812



33.6742, 31.2107, 30.5601

Complementary

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



26.7718, 31.2107, 26.8035



27.4236, 25.8857, 35.4511

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.



33.7878, 31.2107, 36.4720



26.7718, 31.2107, 26.8035



30.9199, 31.2107, 46.2137

Square

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



26.7718, 31.2107, 26.8035



27.0387, 31.2107, 43.2942



32.7591, 31.2107, 42.3424



32.4557, 31.2107, 26.1130

Rectangle

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



26.7718, 31.2107, 26.8035



25.8440, 31.2107, 35.5886



32.7591, 31.2107, 42.3424



33.8449, 31.2107, 32.4267

Sweetspot

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



26.7726, 31.2120, 26.8042



54.0533, 58.7974, 59.4214



29.3354, 31.2546, 26.6773



11.8034, 12.8950, 12.9043



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.



26.7726, 31.2120, 26.8042



46.2569, 55.0918, 44.8909



26.4497, 30.9895, 29.3220



6.6735, 7.4643, 7.0747



10.3204, 19.8571, 3.2889



0.2150, 0.3707, 0.0602

Inverse Universe

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



27.4236, 25.8857, 35.4511



47.6258, 43.8828, 63.0868



27.8145, 26.1524, 32.5219



6.7688, 6.6848, 8.3402



11.7603, 5.4917, 26.3474



0.2416, 0.1143, 0.4726

Previews

White Background



This preview shows how the XYZ color 26.7718, 31.2107, 26.8035 looks on a white background.

Color Contrast Check

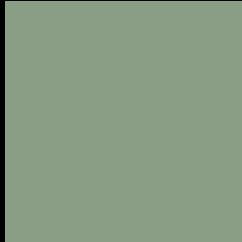
Large Text (above 18pt) WCAG AA × Fail

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 26.7718, 31.2107, 26.8035 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 ✓ Pass

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

XYZ 26.7718, 31.2107, 26.8035

Background



This preview shows how black text looks on a background with the XYZ color 26.7718, 31.2107, 26.8035.



This preview shows how white text looks on a background with the XYZ color 26.7718, 31.2107,

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

26.7718, 31.2107, 26.8035

Protanopia

29.3939, 31.1159, 25.5758

Deuteranopia

31.6653, 31.0777, 27.2513



Tritanopia

29.5105, 31.3387, 40.0909

Trichromacy



Original Color

26.7718, 31.2107, 26.8035

Protanomaly

28.2505, 31.0005, 25.9675

Deuteranomaly

29.7066, 31.0075, 26.9736

Tritanomaly

28.2899, 31.0738, 34.6438

Monochromacy



Original Color

26.7718, 31.2107, 26.8035

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

27.8632, 30.4594, 30.3973

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7718, 31.2107, 26.8035 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(138, 157, 133)` looks like.

```
.text, #text, p{  
    color:rgb(138, 157, 133)  
}
```

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(138, 157, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 157, 133) }
```

Border

The CSS property to change the border of an element to XYZ 26.7718, 31.2107, 26.8035 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(138, 157, 133) }
```


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

```
.border{ border-color:rgb(138, 157, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 157, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 157, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 157, 133);  
box-shadow:4px 4px 4px 4px rgb(138, 157,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7718, 31.2107, 26.8035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 157, 133) }
```

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

```
.background{ background-color: rgb(138,  
157, 133) }
```

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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