

Converting Colors

XYZ(26.8926, 29.4180, 33.1150)

Have a look what the booklet for
XYZ(26.8926, 29.4180, 33.1150)
contains.

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Color

**XYZ(26.8926, 29.4180,
33.1150)**

Conversions

Conversions Part 1

Format	Color
Hex	8A9696
RGB	138, 150, 150
RGB Percent	54%, 59%, 59%
CMY	0.4588, 0.4118, 0.4118
CMYK	0.08, 0.00, 0.00, 0.41
HSL	180°, 5%, 56%
HSV	180°, 8%, 59%
XYZ	26.8926, 29.4180, 33.1150
YIQ	146.4120, -7.1520, -2.5440

Conversions

Conversions Part 2

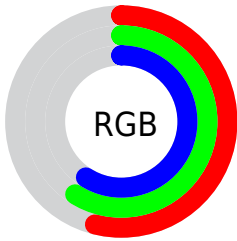
Format	Color
R_{YB}	138, 144, 150
Decimal	9082518
CIE Lab	61.15, -4.29, -1.48
CIE LCh	61, 4.540, 199.076
Yxy	29.4180, 0.3007, 0.3290
Android (android.graphics.Color)	4287272598 (0xFF8A9696)
YUV	146.4120, 1.7689, -7.3773
Hunter-Lab	54.2384, -6.4128, 1.7676

Details

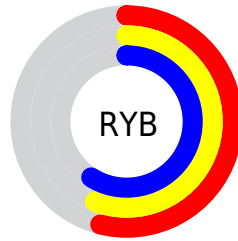
The XYZ color **26.8926, 29.4180, 33.1150** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.2547, 26.4967, 27.7768**, and the grayscale version is **27.4865, 28.9179, 31.4916**.

A 20% lighter version of the original color is **53.9778, 58.6217, 65.5969**, and **10.7385, 11.8992, 13.5352** is the 20% darker color. If you saturate the color by 10%, you get **24.5803, 28.2268, 33.0061**, and if you desaturate by 10%, it is **29.5494, 30.7884, 33.2413**.

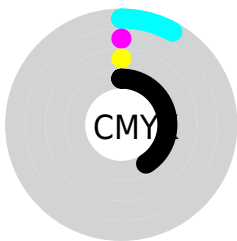
Distribution



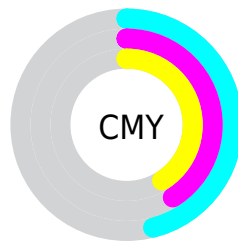
- Red (54%)
- Green (59%)
- Blue (59%)



- Red (54%)
- Yellow (56%)
- Blue (59%)



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8926, 29.4180, 33.1150 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 26.8926, 29.4180, 33.1150 by changing the saturation by 10% instead.

■ 26.8926, 29.4180,
33.1150

■ 26.8926, 29.4180,
33.1150

279.3138,
299.1821, 330.8155

■ 17.6287, 19.3973,
21.9427

■ 54.1326, 58.7406,
65.6731

■ 10.7818, 11.9577,
13.6169

■ 72.8394, 78.8112,
87.8960

■ 5.9865, 6.7149,
7.7190

■ 95.4246, 103.0005,
114.6396

■ 2.8775, 3.2844,
3.8305

122.2536,
131.6930, 146.3223

■ 1.0893, 1.2820,
1.5328

153.6916,
165.2730, 183.3627

■ 0.0161, 0.1272,
0.2422

190.1041,

■ 0.0000, 0.0000,

204.1249, 226.1793

0.0000

231.8564,
248.6332, 275.1907

■ 26.8926, 29.4180,
33.1150

■ 26.8926, 29.4180,
33.1150

■ 24.5803, 28.2268,
33.0061

■ 29.5494, 30.7884,
33.2413

■ 22.5959, 27.2038,
32.9119

■ 32.5614, 32.3411,
33.3835

■ 20.9255, 26.3427,
32.8324

■ 35.9417, 34.0837,
33.5430

■ 19.5529, 25.6352,
32.7669

■ 39.7024, 36.0224,
33.7204

■ 18.4606, 25.0721,
32.7144

■ 43.8547, 38.1629,
33.9160

■ 17.6294, 24.6436,
32.6742

■ 48.4095, 40.5110,
34.1305

■ 17.0374, 24.3385,
32.6452

■ 53.3772, 43.0719,
34.3643

■ 16.6594, 24.1436,
32.6262

■ 57.6540, 45.2767,
34.5657

■ 16.4473, 24.0343,
32.6150

■ 57.6543, 45.2768,
34.5671

Harmonies

Analogous

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



26.8516, 29.4180, 31.4137



26.8926, 29.4180, 33.1150



27.2175, 29.4180, 34.5736

Triad

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



26.8926, 29.4180, 33.1150



28.8351, 29.4180, 34.2279



28.1785, 29.4180, 28.9178

Complementary

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



26.8926, 29.4180, 33.1150



26.2547, 26.4967, 27.7768

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.



28.7178, 29.4180, 29.6166



26.8926, 29.4180, 33.1150



29.1004, 29.4180, 32.6567

Square

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



26.8926, 29.4180, 33.1150



28.3368, 29.4180, 35.2317



29.0572, 29.4180, 30.9713



27.5884, 29.4180, 29.0307

Rectangle

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



26.8926, 29.4180, 33.1150



27.5540, 29.4180, 35.1931



29.0572, 29.4180, 30.9713



28.3719, 29.4180, 29.0646

Sweetspot

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



26.8934, 29.4192, 33.1157



50.1786, 53.3180, 58.5675



26.0090, 29.0693, 28.2853



11.1338, 11.8230, 12.9800



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.



26.8934, 29.4192, 33.1157



46.5113, 51.4275, 58.3940



25.9907, 27.6134, 32.8157



5.9641, 6.5622, 7.4218



13.6092, 19.9165, 27.0472



0.1666, 0.2438, 0.3311

Inverse Universe

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



26.2547, 26.4967, 27.7768



45.0956, 44.9501, 46.5609



27.1092, 28.2061, 28.0607



5.8009, 5.8154, 6.0575



10.4318, 5.3778, 0.4890



0.1277, 0.0658, 0.0060

Previews

White Background



This preview shows how the XYZ color 26.8926, 29.4180, 33.1150 looks on a white background.

Color Contrast Check

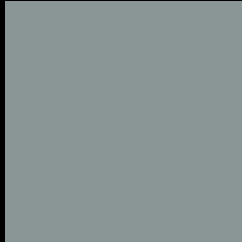
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8926, 29.4180, 33.1150 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

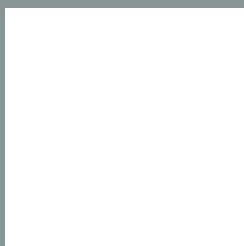
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.8926, 29.4180, 33.1150

Background



This preview shows how black text looks on a background with the XYZ color 26.8926, 29.4180, 33.1150.



This preview shows how white text looks on a background with the XYZ color 26.8926, 29.4180,

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

26.8926, 29.4180, 33.1150

Protanopia

28.3567, 29.4896, 32.2145

Deuteranopia

29.9056, 29.3529, 33.3676



Tritanopia

27.7503, 29.2933, 37.4493

Trichromacy



Original Color

26.8926, 29.4180, 33.1150

Protanomaly

27.8688, 29.4607, 32.6514

Deuteranomaly

28.8137, 29.4675, 33.4473

Tritanomaly

27.3957, 29.3842, 35.6803

Monochromacy



Original Color

26.8926, 29.4180, 33.1150

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.0279, 28.8137, 31.7408

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8926, 29.4180, 33.1150 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, 150, 150)` looks like.

```
.text, #text, p{  
    color:rgb(138, 150, 150)  
}
```

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, 150, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 150, 150) }
```

Border

The CSS property to change the border of an element to XYZ 26.8926, 29.4180, 33.1150 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, 150, 150) }
```


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

```
.border{ border-color:rgb(138, 150, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 150, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 150, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 150, 150);  
box-shadow:4px 4px 4px 4px rgb(138, 150,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8926, 29.4180, 33.1150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 150, 150) }
```

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

```
.background{ background-color: rgb(138,  
150, 150) }
```

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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