

Converting Colors

XYZ(26.8662, 29.2481, 33.7692)

Have a look what the booklet for
XYZ(26.8662, 29.2481, 33.7692)
contains.

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Color

**XYZ(26.8962, 29.1652,
33.9176)**

Conversions

Conversions Part 1

Format	Color
Hex	8A9598
RGB	138, 149, 152
RGB Percent	54%, 58%, 60%
CMY	0.4588, 0.4157, 0.4039
CMYK	0.09, 0.02, 0.00, 0.40
HSL	193°, 6%, 57%
HSV	193°, 9%, 60%
XYZ	26.8962, 29.1652, 33.9176
YIQ	146.0530, -7.5190, -1.3990

Conversions

Conversions Part 2

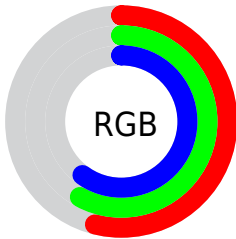
Format	Color
R_{YB}	138, 144, 152
Decimal	9082264
CIE Lab	60.93, -3.32, -2.94
CIE LCh	61, 4.437, 221.559
Yxy	29.1652, 0.2989, 0.3241
Android (android.graphics.Color)	4287272344 (0xFF8A9598)
YUV	146.0530, 2.9319, -7.0625
Hunter-Lab	54.0048, -5.6095, 0.5664

Details

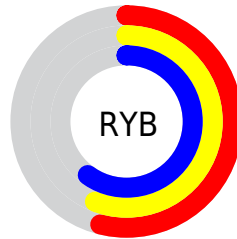
The XYZ color **26.8962, 29.1652, 33.9176** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.0613, 27.5599, 27.9386**, and the grayscale version is **27.3346, 28.7581, 31.3176**.

A 20% lighter version of the original color is **53.9824, 58.2445, 66.7897**, and **10.7411, 11.7497, 14.0137** is the 20% darker color. If you saturate the color by 10%, you get **24.0478, 26.9438, 33.6394**, and if you desaturate by 10%, it is **30.1127, 31.5993, 34.2184**.

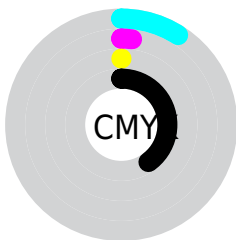
Distribution



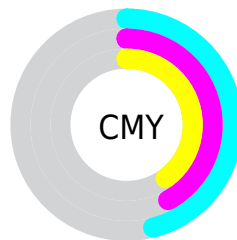
- Red (54%)
- Green (58%)
- Blue (60%)



- Red (54%)
- Yellow (56%)
- Blue (60%)



- Cyan (9%)
- Magenta (2%)
- Yellow (0%)
- Black (40%)



- Cyan (46%)
- Magenta (42%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8962, 29.1652, 33.9176 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 26.8962, 29.1652, 33.9176 by changing the saturation by 10% instead.

■ 26.8962, 29.1652,
33.9176

■ 26.8962, 29.1652,
33.9176

279.3309,
297.9936, 334.5224

■ 17.6315, 19.2058,
22.5535

■ 54.1383, 58.3395,
66.9379

■ 10.7838, 11.8191,
14.0619

■ 72.8464, 78.3231,
89.4312

■ 5.9879, 6.6206,
8.0245

■ 95.4330, 102.4170,
116.4713

■ 2.8783, 3.2260,
4.0226

122.2635,
131.0055, 148.4767

■ 1.0897, 1.2508,
1.6378

153.7031,
164.4730, 185.8660

■ 0.0165, 0.1026,
0.3176

190.1173,

■ 0.0000, 0.0000,

203.2040, 229.0576

0.0000

231.8715,
247.5827, 278.4703

■ 26.8962, 29.1652,
33.9176

■ 26.8962, 29.1652,
33.9176

■ 24.0478, 26.9438,
33.6394

■ 30.1127, 31.5993,
34.2184

■ 21.5503, 24.9237,
33.3811

■ 33.7085, 34.2497,
34.5404

■ 19.3888, 23.0979,
33.1426

■ 37.6976, 37.1245,
34.8851

■ 17.5465, 21.4574,
32.9231

■ 42.0923, 40.2303,
35.2529

■ 16.0050, 19.9927,
32.7216

■ 46.9047, 43.5734,
35.6446

■ 14.7439, 18.6930,
32.5372

■ 52.1460, 47.1599,
36.0606

■ 13.7402, 17.5463,
32.3688

■ 57.8271, 50.9955,
36.5015

■ 12.9671, 16.5386,
32.2150

■ 62.2453, 54.2024,
36.8876

■ 12.3646, 15.6388,
32.0731

■ 62.8866, 55.4850,
37.1014

Harmonies

Analogous

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



26.6445, 29.1652, 32.3989



26.8962, 29.1652, 33.9176



27.3701, 29.1652, 34.8765

Triad

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



26.8962, 29.1652, 33.9176



28.7899, 29.1652, 32.7749



27.4983, 29.1652, 28.7346

Complementary

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



26.8962, 29.1652, 33.9176



27.0613, 27.5599, 27.9386

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.



28.0742, 29.1652, 28.8273



26.8962, 29.1652, 33.9176



28.8253, 29.1652, 31.1216

Square

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



26.8962, 29.1652, 33.9176



28.4655, 29.1652, 34.2011



28.5618, 29.1652, 29.6881



26.9889, 29.1652, 29.4302

Rectangle

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



26.8962, 29.1652, 33.9176



27.7509, 29.1652, 35.0498



28.5618, 29.1652, 29.6881



27.6904, 29.1652, 28.6752

Sweetspot

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



26.8970, 29.1664, 33.9182



50.8889, 54.0779, 60.1896



26.5028, 29.7774, 29.4726



11.4661, 12.2155, 13.6710



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.



26.8970, 29.1664, 33.9182



46.4166, 50.6656, 59.7667



25.8520, 27.0764, 33.5699



6.2723, 6.8020, 7.9113



10.3519, 13.1004, 26.8907



0.1798, 0.2459, 0.4104

Inverse Universe

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



27.4629, 27.0229, 32.2037



47.6218, 46.1397, 56.1058



28.0954, 29.6280, 28.2833



6.4046, 6.3010, 7.5105



13.6839, 6.7278, 15.3924



0.2172, 0.1056, 0.2967

Previews

White Background



This preview shows how the XYZ color 26.8962, 29.1652, 33.9176 looks on a white background.

Color Contrast Check

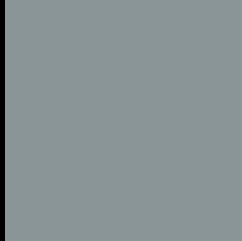
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8962, 29.1652, 33.9176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

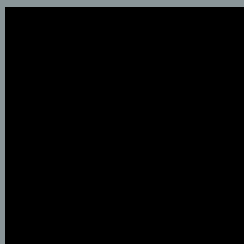
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

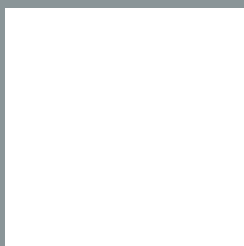
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.8962, 29.1652, 33.9176

Background



This preview shows how black text looks on a background with the XYZ color 26.8962, 29.1652, 33.9176.



This preview shows how white text looks on a background with the XYZ color 26.8962, 29.1652,

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

26.8962, 29.1652, 33.9176

Protanopia

27.9966, 29.0557, 32.9869

Deuteranopia

29.5233, 28.9150, 34.1621



Tritanopia

27.5825, 29.2068, 37.4414

Trichromacy



Original Color

26.8962, 29.1652, 33.9176

Protanomaly

27.5212, 29.0311, 33.4312

Deuteranomaly

28.6377, 29.1300, 34.2503

Tritanomaly

27.3232, 29.1031, 36.0757

Monochromacy



Original Color

26.8962, 29.1652, 33.9176

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.1067, 28.8452, 32.1560

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8962, 29.1652, 33.9176 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, 149, 152)` looks like.

```
.text, #text, p{  
    color:rgb(138, 149, 152)  
}
```

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, 149, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 149, 152) }
```

Border

The CSS property to change the border of an element to XYZ 26.8962, 29.1652, 33.9176 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, 149, 152) }
```


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

```
.border{ border-color:rgb(138, 149, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 149, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 149, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 149, 152);  
box-shadow:4px 4px 4px 4px rgb(138, 149,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8962, 29.1652, 33.9176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 149, 152) }
```

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

```
.background{ background-color: rgb(138,  
149, 152) }
```

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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