

Converting Colors

XYZ(26.7180, 30.3678, 33.1853)

Have a look what the booklet for
XYZ(26.7180, 30.3678, 33.1853)
contains.

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Color

**XYZ(26.7335, 30.2998,
33.2936)**

Conversions

Conversions Part 1

Format	Color
Hex	859A96
RGB	133, 154, 150
RGB Percent	52%, 60%, 59%
CMY	0.4784, 0.3961, 0.4118
CMYK	0.14, 0.00, 0.03, 0.40
HSL	169°, 9%, 56%
HSV	169°, 14%, 60%
XYZ	26.7335, 30.2998, 33.2936
YIQ	147.2650, -11.2320, -5.6960

Conversions

Conversions Part 2

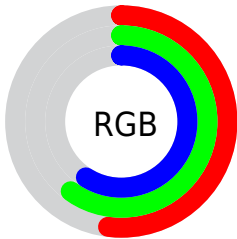
Format	Color
RYB	133, 145, 154
Decimal	8755862
CIELab	61.91, -8.23, -0.41
CIELCh	62, 8.239, 182.845
Yxy	30.2998, 0.2960, 0.3354
Android (android.graphics.Color)	4286945942 (0xFF859A96)
YUV	147.2650, 1.3484, -12.5104
Hunter-Lab	55.0453, -9.6382, 2.6707

Details

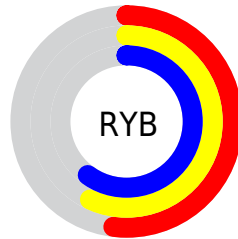
The XYZ color **26.7335, 30.2998, 33.2936** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.2304, 25.4520, 27.1985**, and the grayscale version is **27.8415, 29.2914, 31.8983**.

A 20% lighter version of the original color is **53.7047, 59.9105, 65.8601**, and **10.6697, 12.4403, 13.6433** is the 20% darker color. If you saturate the color by 10%, you get **24.2450, 29.0447, 31.9594**, and if you desaturate by 10%, it is **29.5862, 31.7436, 34.6770**.

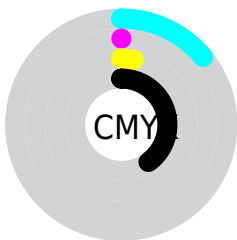
Distribution



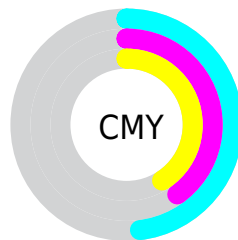
- Red (52%)
- Green (60%)
- Blue (59%)



- Red (52%)
- Yellow (57%)
- Blue (60%)



- Cyan (14%)
- Magenta (0%)
- Yellow (3%)
- Black (40%)



- Cyan (48%)
- Magenta (40%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7335, 30.2998, 33.2936 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 26.7335, 30.2998, 33.2936 by changing the saturation by 10% instead.

■ 26.7335, 30.2998,
33.2936

■ 26.7335, 30.2998,
33.2936

278.5556,
303.2994, 331.6431

■ 17.5087, 20.0663,
22.0785

■ 53.8788, 60.1360,
65.9549

■ 10.6954, 12.4432,
13.7157

■ 72.5301, 80.5074,
88.2382

■ 5.9282, 7.0463,
7.7867

■ 95.0543, 105.0269,
115.0480

■ 2.8417, 3.4911,
3.8730

121.8166,
134.0789, 146.8028

■ 1.0706, 1.3932,
1.5559

153.1826,
168.0477, 183.9212

■ 0.0003, 0.2117,
0.2591

189.5175,

■ 0.0000, 0.0000,

207.3178, 226.8217

0.0000

231.1867,
252.2736, 275.9228

■ 26.7335, 30.2998,
33.2936

■ 26.7335, 30.2998,
33.2936

■ 24.2450, 29.0447,
31.9594

■ 29.5862, 31.7436,
34.6770

■ 22.1025, 27.9665,
30.6714

■ 32.8150, 33.3798,
36.1086

■ 20.2904, 27.0580,
29.4293

■ 36.4345, 35.2167,
37.5897

■ 18.7906, 26.3097,
28.2321

■ 40.4579, 37.2610,
39.1214

■ 17.5833, 25.7116,
27.0786

■ 44.8974, 39.5193,
40.7043

■ 16.6465, 25.2523,
25.9675

■ 49.7651, 41.9975,
42.3391

■ 15.9549, 24.9187,
24.8974

■ 55.0722, 44.7016,
44.0268

■ 15.4785, 24.6955,
23.8667

■ 60.3856, 47.4081,
45.7472

■ 15.2358, 24.5842,
23.2289

■ 60.6738, 47.5234,
47.2649

Harmonies

Analogous

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



26.9539, 30.2998, 30.2977



26.7335, 30.2998, 33.2936



27.0547, 30.2998, 36.3945

Triad

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



26.7335, 30.2998, 33.2936



29.9640, 30.2998, 38.3586



29.7773, 30.2998, 27.8794

Complementary

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



26.7335, 30.2998, 33.2936



26.2304, 25.4520, 27.1985

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.



30.6168, 30.2998, 29.8072



26.7335, 30.2998, 33.2936



30.7265, 30.2998, 35.8401

Square

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



26.7335, 30.2998, 33.2936



28.9044, 30.2998, 39.4332



30.9683, 30.2998, 32.6909



28.6940, 30.2998, 27.2922

Rectangle

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



26.7335, 30.2998, 33.2936



27.5377, 30.2998, 38.0699



30.9683, 30.2998, 32.6909



30.0983, 30.2998, 28.3858

Sweetspot

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



26.7344, 30.3011, 33.2943



53.4994, 57.5386, 62.8775



26.1395, 30.1413, 26.6309



12.0208, 12.9788, 14.1907



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.



26.7344, 30.3011, 33.2943



47.2858, 54.3966, 59.8196



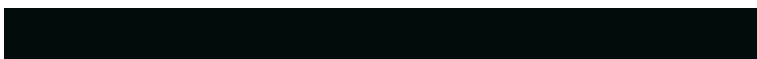
26.0494, 28.4066, 34.6835



6.3341, 7.0064, 7.6827



12.4248, 20.0334, 18.9894



0.1973, 0.3041, 0.3447

Inverse Universe

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



26.2304, 25.4520, 27.1985



46.2104, 44.0464, 46.8096



26.8372, 27.1167, 26.0103



6.2545, 6.2410, 6.7204



11.0521, 5.6751, 1.5334



0.1756, 0.0890, 0.0777

Previews

White Background



This preview shows how the XYZ color 26.7335, 30.2998, 33.2936 looks on a white background.

Color Contrast Check

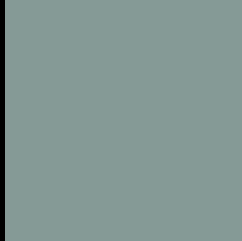
Large Text (above 18pt) WCAG AA × Fail

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 26.7335, 30.2998, 33.2936 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

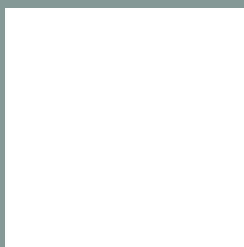
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.7335, 30.2998, 33.2936

Background



This preview shows how black text looks on a background with the XYZ color 26.7335, 30.2998, 33.2936.

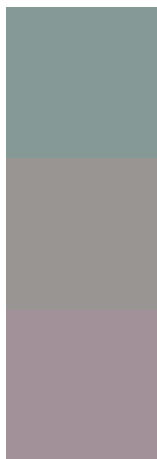


This preview shows how white text looks on a background with the XYZ color 26.7335, 30.2998,

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

26.7335, 30.2998, 33.2936

Protanopia

28.9628, 30.2769, 31.9213

Deuteranopia

30.6932, 30.1992, 33.9171



Tritanopia

28.0824, 30.3710, 39.5041

Trichromacy



Original Color

26.7335, 30.2998, 33.2936

Protanomaly

28.0890, 30.2911, 32.3833

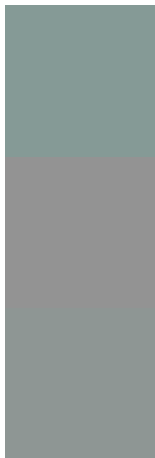
Deuteranomaly

28.9383, 29.9935, 33.5423

Tritanomaly

27.6409, 30.4366, 37.2189

Monochromacy



Original Color

26.7335, 30.2998, 33.2936

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.4070, 29.7016, 32.3055

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7335, 30.2998, 33.2936 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(133, 154, 150)` looks like.

```
.text, #text, p{  
    color:rgb(133, 154, 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(133, 154, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 154, 150) }
```

Border

The CSS property to change the border of an element to XYZ 26.7335, 30.2998, 33.2936 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(133, 154, 150) }
```


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

```
.border{ border-color:rgb(133, 154, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 154, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 154, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 154, 150);  
box-shadow:4px 4px 4px 4px rgb(133, 154,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7335, 30.2998, 33.2936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 154, 150) }
```

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

```
.background{ background-color: rgb(133,  
154, 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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