

Converting Colors

XYZ(26.7515, 30.8018, 33.3892)

Have a look what the booklet for
XYZ(26.7515, 30.8018, 33.3892)
contains.

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Color

**XYZ(26.7536, 30.8042,
33.3899)**

Conversions

Conversions Part 1

Format	Color
Hex	839C96
RGB	131, 156, 150
RGB Percent	51%, 61%, 59%
CMY	0.4863, 0.3882, 0.4118
CMYK	0.16, 0.00, 0.04, 0.39
HSL	166°, 11%, 56%
HSV	166°, 16%, 61%
XYZ	26.7536, 30.8042, 33.3899
YIQ	147.8410, -12.9740, -7.1660

Conversions

Conversions Part 2

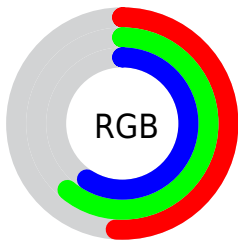
Format	Color
RYB	131, 145, 156
Decimal	8625302
CIELab	62.34, -10.00, 0.20
CIELCh	62, 10.002, 178.840
Yxy	30.8042, 0.2942, 0.3387
Android (android.graphics.Color)	4286815382 (0xFF839C96)
YUV	147.8410, 1.0644, -14.7696
Hunter-Lab	55.5015, -11.0847, 3.1820

Details

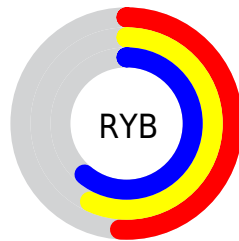
The XYZ color **26.7536, 30.8042, 33.3899** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **26.3431, 25.1076, 27.1262**, and the grayscale version is **28.0823, 29.5448, 32.1743**.

A 20% lighter version of the original color is **53.9605, 61.1385, 66.0836**, and **10.6970, 12.7533, 13.7022** is the 20% darker color. If you saturate the color by 10%, you get **24.2204, 29.5334, 31.7226**, and if you desaturate by 10%, it is **29.6620, 32.2690, 35.1264**.

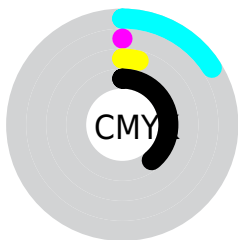
Distribution



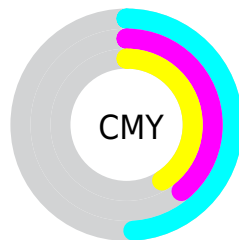
- Red (51%)
- Green (61%)
- Blue (59%)



- Red (51%)
- Yellow (57%)
- Blue (61%)



- Cyan (16%)
- Magenta (0%)
- Yellow (4%)
- Black (39%)



- Cyan (49%)
- Magenta (39%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7536, 30.8042, 33.3899 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 26.7536, 30.8042, 33.3899 by changing the saturation by 10% instead.

■ 26.7536, 30.8042,
33.3899

■ 26.7536, 30.8042,
33.3899

278.6515,
305.6353, 332.0887

■ 17.5239, 20.4498,
22.1517

■ 53.9109, 60.9317,
66.1068

■ 10.7063, 12.7224,
13.7691

■ 72.5692, 81.4735,
88.4226

■ 5.9355, 7.2377,
7.8233

■ 95.1011, 106.1800,
115.2681

■ 2.8462, 3.6112,
3.8959

121.8719,
135.4355, 147.0617

■ 1.0730, 1.4585,
1.5684

153.2470,
169.6243, 184.2220

■ 0.0023, 0.2593,
0.2681

189.5917,

■ 0.0000, 0.0000,

209.1310, 227.1676

0.0000

231.2714,
254.3398, 276.3170

■ 26.7536, 30.8042,
33.3899

■ 26.7536, 30.8042,
33.3899

■ 24.2204, 29.5334,
31.7226

■ 29.6620, 32.2690,
35.1264

■ 22.0435, 28.4444,
30.1212

■ 32.9583, 33.9317,
36.9311

■ 20.2063, 27.5293,
28.5852

■ 36.6578, 35.8012,
38.8059

■ 18.6896, 26.7785,
27.1130

■ 40.7741, 37.8845,
40.7520

■ 17.4726, 26.1811,
25.7033

■ 45.3203, 40.1881,
42.7703

■ 16.5318, 25.7249,
24.3544

■ 50.3088, 42.7187,
44.8618

■ 15.8400, 25.3961,
23.0647

■ 55.7515, 45.4822,
47.0275

■ 15.3592, 25.1750,
21.8318

■ 61.3634, 48.3317,
49.2546

■ 15.1919, 25.0992,
21.3559

■ 61.7501, 48.4864,
51.2910

Harmonies

Analogous

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



27.1081, 30.8042, 29.8310



26.7536, 30.8042, 33.3899



27.0581, 30.8042, 37.2645

Triad

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



26.7536, 30.8042, 33.3899



30.5514, 30.8042, 40.4999



30.6454, 30.8042, 27.5600

Complementary

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



26.7536, 30.8042, 33.3899



26.3431, 25.1076, 27.1262

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.



31.6171, 30.8042, 30.0733



26.7536, 30.8042, 33.3899



31.5617, 30.8042, 37.5455

Square

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



26.7536, 30.8042, 33.3899



29.2258, 30.8042, 41.5551



31.9574, 30.8042, 33.6916



29.3312, 30.8042, 26.6290

Rectangle

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



26.7536, 30.8042, 33.3899



27.5993, 30.8042, 39.4687



31.9574, 30.8042, 33.6916



31.0244, 30.8042, 28.2378

Sweetspot

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



26.7545, 30.8055, 33.3906



54.3973, 58.8717, 64.0953



26.3438, 30.7564, 26.0215



11.8887, 12.9134, 14.0577



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.



26.7545, 30.8055, 33.3906



46.9757, 55.1372, 59.6158



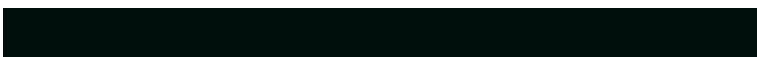
26.2283, 28.9597, 35.6613



6.7537, 7.4822, 8.1377



12.5269, 20.6787, 17.6636



0.2392, 0.3758, 0.3959

Inverse Universe

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



26.3431, 25.1076, 27.1262



46.0935, 42.9116, 46.1769



26.7893, 26.6701, 25.2093



6.6951, 6.6710, 7.2455



11.5859, 5.9389, 2.0705



0.2220, 0.1121, 0.1154

Previews

White Background



This preview shows how the XYZ color 26.7536, 30.8042, 33.3899 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 26.7536, 30.8042, 33.3899 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

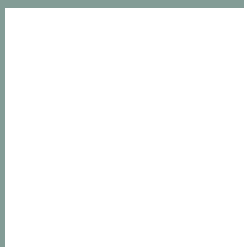
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.7536, 30.8042, 33.3899

Background



This preview shows how black text looks on a background with the XYZ color 26.7536, 30.8042, 33.3899.

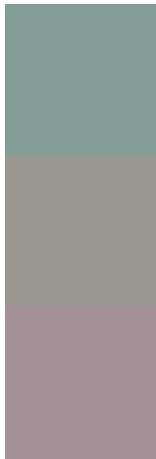


This preview shows how white text looks on a background with the XYZ color 26.7536, 30.8042,

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

26.7536, 30.8042, 33.3899

Protanopia

29.4211, 30.7580, 31.5804

Deuteranopia

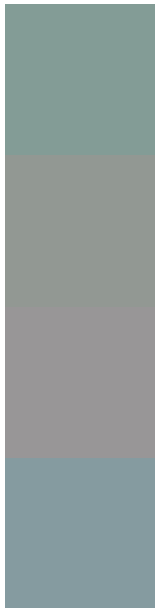
31.2562, 30.7173, 33.9874



Tritanopia

28.2701, 30.9327, 40.5570

Trichromacy



Original Color

26.7536, 30.8042, 33.3899

Protanomaly

28.3488, 30.6740, 32.0303

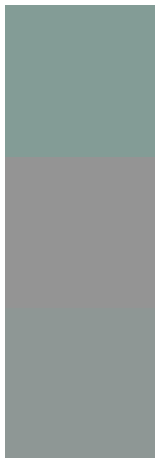
Deuteranomaly

29.4412, 30.7225, 33.6565

Tritanomaly

27.7394, 30.9673, 37.7730

Monochromacy



Original Color

26.7536, 30.8042, 33.3899

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.6468, 30.0539, 32.7776

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7536, 30.8042, 33.3899 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(131, 156, 150)` looks like.

```
.text, #text, p{  
    color:rgb(131, 156, 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(131, 156, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 156, 150) }
```

Border

The CSS property to change the border of an element to XYZ 26.7536, 30.8042, 33.3899 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(131, 156, 150) }
```


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

```
.border{ border-color:rgb(131, 156, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 156, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 156, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 156, 150);  
box-shadow:4px 4px 4px 4px rgb(131, 156,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7536, 30.8042, 33.3899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 156, 150) }
```

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

```
.background{ background-color: rgb(131,  
156, 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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