

Converting Colors

XYZ(26.7984, 30.2676, 34.7326)

Have a look what the booklet for
XYZ(26.7984, 30.2676, 34.7326)
contains.

XYZ(26.8211, 30.3166, 34.5751)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.8211, 30.3166,
34.5751)**

Conversions

Conversions Part 1

Format	Color
Hex	849A99
RGB	132, 154, 153
RGB Percent	52%, 60%, 60%
CMY	0.4823, 0.3961, 0.4000
CMYK	0.14, 0.00, 0.01, 0.40
HSL	177°, 10%, 56%
HSV	177°, 14%, 60%
XYZ	26.8211, 30.3166, 34.5751
YIQ	147.3080, -12.7910, -4.9750

Conversions

Conversions Part 2

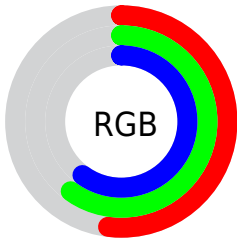
Format	Color
RYB	132, 143, 154
Decimal	8690329
CIELab	61.93, -7.93, -2.09
CIElCh	62, 8.204, 194.767
Yxy	30.3166, 0.2924, 0.3306
Android (android.graphics.Color)	4286880409 (0xFF849A99)
YUV	147.3080, 2.8062, -13.4251
Hunter-Lab	55.0605, -9.4049, 1.3114

Details

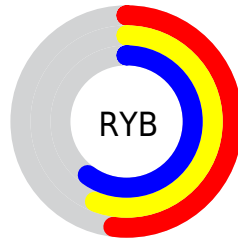
The XYZ color **26.8211, 30.3166, 34.5751** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.8124, 25.0669, 25.6695**, and the grayscale version is **27.8539, 29.3044, 31.9125**.

A 20% lighter version of the original color is **53.8259, 59.9310, 67.7624**, and **10.7282, 12.4536, 14.4087** is the 20% darker color. If you saturate the color by 10%, you get **24.5309, 29.1434, 34.1670**, and if you desaturate by 10%, it is **29.4689, 31.6757, 35.0030**.

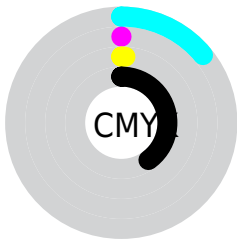
Distribution



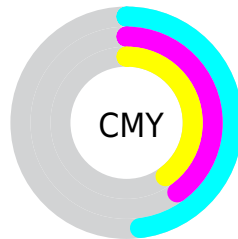
- Red (52%)
- Green (60%)
- Blue (60%)



- Red (52%)
- Yellow (56%)
- Blue (60%)



- Cyan (14%)
- Magenta (0%)
- Yellow (1%)
- Black (40%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8211, 30.3166, 34.5751 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 26.8211, 30.3166, 34.5751 by changing the saturation by 10% instead.

■ 26.8211, 30.3166,
34.5751

■ 26.8211, 30.3166,
34.5751

278.9732,
303.3774, 337.5359

■ 17.5748, 20.0790,
23.0548

■ 54.0186, 60.1625,
67.9711

■ 10.7430, 12.4525,
14.4283

■ 72.7005, 80.5396,
90.6839

■ 5.9603, 7.0526,
8.2770

■ 95.2582, 105.0654,
117.9646

■ 2.8614, 3.4950,
4.1824

122.0573,
134.1241, 150.2318

■ 1.0809, 1.3953,
1.7259

153.4630,
168.1003, 187.9040

■ 0.0090, 0.2133,
0.3784

189.8406,

■ 0.0000, 0.0000,

207.3784, 231.3997

0.0000

231.5556,
252.3426, 281.1375

■ 26.8211, 30.3166,
34.5751

■ 26.8211, 30.3166,
34.5751

■ 24.5309, 29.1434,
34.1670

■ 29.4689, 31.6757,
35.0030

■ 22.5802, 28.1444,
33.7760

■ 32.4864, 33.2245,
35.4493

■ 20.9531, 27.3123,
33.4018

■ 35.8880, 34.9713,
35.9153

■ 19.6317, 26.6376,
33.0438

■ 39.6869, 36.9229,
36.4018

■ 18.5961, 26.1102,
32.7009

■ 43.8954, 39.0856,
36.9092

■ 17.8240, 25.7187,
32.3721

■ 48.5255, 41.4656,
37.4381

■ 17.2901, 25.4499,
32.0561

■ 53.5886, 44.0687,
37.9891

■ 16.9634, 25.2879,
31.7517

■ 59.0205, 46.8620,
38.5591

■ 16.8218, 25.2185,
31.5806

■ 59.0814, 46.8863,
38.8796

Harmonies

Analogous

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



26.8253, 30.3166, 31.4461



26.8211, 30.3166, 34.5751



27.3417, 30.3166, 37.4540

Triad

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



26.8211, 30.3166, 34.5751



30.3277, 30.3166, 37.4918



29.3734, 30.3166, 27.5119

Complementary

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



26.8211, 30.3166, 34.5751



25.8124, 25.0669, 25.6695

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.



30.3403, 30.3166, 28.9315



26.8211, 30.3166, 34.5751



30.9007, 30.3166, 34.6241

Square

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



26.8211, 30.3166, 34.5751



29.3566, 30.3166, 39.2092



30.9054, 30.3166, 31.4921



28.2802, 30.3166, 27.5006

Rectangle

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



26.8211, 30.3166, 34.5751



27.9242, 30.3166, 38.7875



30.9054, 30.3166, 31.4921



29.7246, 30.3166, 27.8360

Sweetspot

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



26.8220, 30.3179, 34.5758



53.6365, 57.5934, 63.5993



25.4100, 29.7731, 26.2379



12.0573, 12.9933, 14.3825



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.



26.8220, 30.3179, 34.5758



47.3836, 54.3861, 62.5766



25.3378, 27.2164, 34.4911



6.3724, 7.0217, 7.8846



13.7082, 20.5467, 25.7476



0.2082, 0.3085, 0.4019

Inverse Universe

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



25.8124, 25.0669, 25.6695



45.2038, 43.0477, 43.3462



27.1505, 27.8533, 25.7756



6.2196, 6.2270, 6.5367



10.8924, 5.6112, 0.6924



0.1655, 0.0850, 0.0243

Previews

White Background



This preview shows how the XYZ color 26.8211, 30.3166, 34.5751 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 26.8211, 30.3166, 34.5751 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

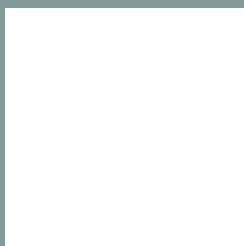
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.8211, 30.3166, 34.5751

Background



This preview shows how black text looks on a background with the XYZ color 26.8211, 30.3166, 34.5751.

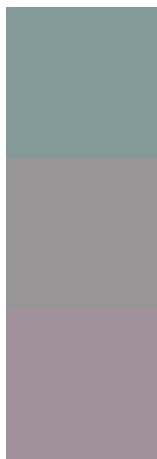


This preview shows how white text looks on a background with the XYZ color 26.8211, 30.3166,

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

26.8211, 30.3166, 34.5751

Protanopia

29.2014, 30.3723, 33.1775

Deuteranopia

30.7397, 30.1944, 35.2183



Tritanopia

27.7606, 30.2051, 39.4890

Trichromacy



Original Color

26.8211, 30.3166, 34.5751

Protanomaly

28.3296, 30.3873, 33.6504

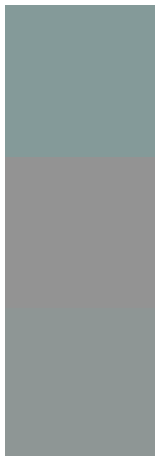
Deuteranomaly

29.0003, 29.9969, 34.8334

Tritanomaly

27.4093, 30.3071, 37.6629

Monochromacy



Original Color

26.8211, 30.3166, 34.5751

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.4865, 29.7334, 32.7242

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8211, 30.3166, 34.5751 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(132, 154, 153)` looks like.

```
.text, #text, p{  
    color:rgb(132, 154, 153)  
}
```

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(132, 154, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 154, 153) }
```

Border

The CSS property to change the border of an element to XYZ 26.8211, 30.3166, 34.5751 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(132, 154, 153) }
```


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

```
.border{ border-color:rgb(132, 154, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 154, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 154, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 154, 153);  
box-shadow:4px 4px 4px 4px rgb(132, 154,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8211, 30.3166, 34.5751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 154, 153) }
```

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

```
.background{ background-color: rgb(132,  
154, 153) }
```

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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