

Converting Colors

XYZ(26.9777, 30.6809, 32.9339)

Have a look what the booklet for
XYZ(26.9777, 30.6809, 32.9339)
contains.

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Color

**XYZ(26.9777, 30.6809,
32.9339)**

Conversions

Conversions Part 1

Format	Color
Hex	869B95
RGB	134, 155, 149
RGB Percent	53%, 61%, 58%
CMY	0.4745, 0.3921, 0.4157
CMYK	0.14, 0.00, 0.04, 0.39
HSL	163°, 10%, 57%
HSV	163°, 14%, 61%
XYZ	26.9777, 30.6809, 32.9339
YIQ	148.0370, -10.5900, -6.3180

Conversions

Conversions Part 2

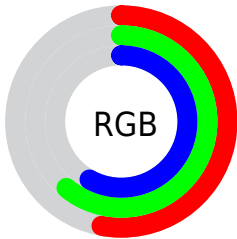
Format	Color
RYB	134, 146, 155
Decimal	8821653
CIELab	62.24, -8.64, 0.64
CIELCh	62, 8.660, 175.770
Yxy	30.6809, 0.2978, 0.3387
Android (android.graphics.Color)	4287011733 (0xFF869B95)
YUV	148.0370, 0.4748, -12.3104
Hunter-Lab	55.3903, -9.9952, 3.5207

Details

The XYZ color **26.9777, 30.6809, 32.9339** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.7774, 25.9131, 28.4028**, and the grayscale version is **28.1657, 29.6325, 32.2698**.

A 20% lighter version of the original color is **54.0735, 60.4775, 65.3233**, and **10.8111, 12.6673, 13.4305** is the 20% darker color. If you saturate the color by 10%, you get **24.3392, 29.3616, 30.9996**, and if you desaturate by 10%, it is **29.9935, 32.1948, 34.9574**.

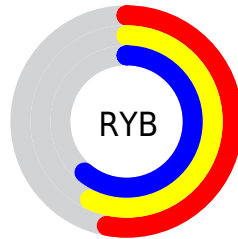
Distribution



Red (53%)

Green (61%)

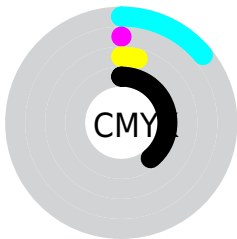
Blue (58%)



Red (53%)

Yellow (57%)

Blue (61%)

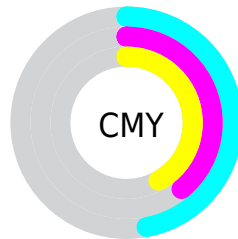


Cyan (14%)

Magenta (0%)

Yellow (4%)

Black (39%)



Cyan (47%)

Magenta (39%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9777, 30.6809, 32.9339 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 26.9777, 30.6809, 32.9339 by changing the saturation by 10% instead.

■ 26.9777, 30.6809,
32.9339

■ 26.9777, 30.6809,
32.9339

279.7186,
305.0655, 329.9747

■ 17.6930, 20.3560,
21.8051

■ 54.2682, 60.7373,
65.3871

■ 10.8281, 12.6541,
13.5168

■ 73.0047, 81.2376,
87.5487

■ 6.0178, 7.1908,
7.6505

■ 95.6225, 105.8985,
114.2249

■ 2.8967, 3.5817,
3.7876

122.4870,
135.1044, 145.8343

■ 1.0994, 1.4424,
1.5096

153.9635,
169.2396, 182.7954

■ 0.0246, 0.2477,
0.2250

190.4174,

■ 0.0000, 0.0000,

208.6886, 225.5268

0.0000

232.2140,
253.8358, 274.4470

■ 26.9777, 30.6809,
32.9339

■ 26.9777, 30.6809,
32.9339

■ 24.3392, 29.3616,
30.9996

■ 29.9935, 32.1948,
34.9574

■ 22.0596, 28.2250,
29.1510

■ 33.3990, 33.9072,
37.0694

■ 20.1227, 27.2636,
27.3870

■ 37.2090, 35.8265,
39.2721

■ 18.5103, 26.4678,
25.7062

■ 41.4368, 37.9596,
41.5669

■ 17.2020, 25.8274,
24.1066

■ 46.0953, 40.3131,
43.9550

■ 16.1754, 25.3308,
22.5865

■ 51.1966, 42.8932,
46.4378

■ 15.4048, 24.9646,
21.1438

■ 56.7523, 45.7060,
49.0164

■ 14.8594, 24.7132,
19.7762

■ 61.6598, 48.1829,
51.6400

■ 14.5749, 24.5850,
18.9310

■ 62.1331, 48.3722,
54.1321

Harmonies

Analogous

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



27.3430, 30.6809, 29.9161



26.9777, 30.6809, 32.9339



27.1845, 30.6809, 36.2823

Triad

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



26.9777, 30.6809, 32.9339



30.1489, 30.6809, 39.5419



30.4434, 30.6809, 28.3641

Complementary

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



26.9777, 30.6809, 32.9339



26.7774, 25.9131, 28.4028

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.



31.2316, 30.6809, 30.6864



26.9777, 30.6809, 32.9339



31.0584, 30.6809, 37.1579

Square

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



26.9777, 30.6809, 32.9339



28.9959, 30.6809, 40.2424



31.4596, 30.6809, 33.8832



29.3273, 30.6809, 27.3918

Rectangle

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



26.9777, 30.6809, 32.9339



27.6221, 30.6809, 38.2319



31.4596, 30.6809, 33.8832



30.7566, 30.6809, 29.0049

Sweetspot

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



26.9786, 30.6822, 32.9346



53.4100, 57.5028, 62.4066



26.8913, 30.7668, 27.0761



11.9971, 12.9693, 14.0657



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.



26.9786, 30.6822, 32.9346



46.9416, 54.2589, 58.0067



26.7834, 29.5050, 35.2951



6.3093, 6.9964, 7.5520



11.7230, 19.7527, 15.2940



0.1906, 0.3015, 0.3096

Inverse Universe

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



26.7774, 25.9131, 28.4028



46.5162, 44.1687, 48.4197



26.9389, 26.9251, 26.3321



6.2778, 6.2503, 6.8429



11.2418, 5.7510, 2.5324



0.1823, 0.0917, 0.1127

Previews

White Background



This preview shows how the XYZ color 26.9777, 30.6809, 32.9339 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 26.9777, 30.6809, 32.9339 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

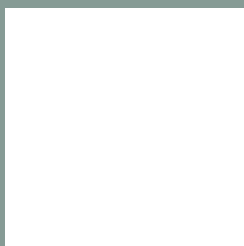
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.9777, 30.6809, 32.9339

Background



This preview shows how black text looks on a background with the XYZ color 26.9777, 30.6809, 32.9339.



This preview shows how white text looks on a background with the XYZ color 26.9777, 30.6809,

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

26.9777, 30.6809, 32.9339

Protanopia

29.2622, 30.4402, 31.5274

Deuteranopia

31.0212, 30.3777, 33.5066



Tritanopia

28.4993, 30.8174, 40.0436

Trichromacy



Original Color

26.9777, 30.6809, 32.9339

Protanomaly

28.3657, 30.4428, 31.9848

Deuteranomaly

29.3893, 30.4692, 33.1863

Tritanomaly

27.9670, 30.8486, 37.2813

Monochromacy



Original Color

26.9777, 30.6809, 32.9339

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.7396, 30.1110, 32.3669

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9777, 30.6809, 32.9339 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(134, 155, 149)` looks like.

```
.text, #text, p{  
    color:rgb(134, 155, 149)  
}
```

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(134, 155, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 155, 149) }
```

Border

The CSS property to change the border of an element to XYZ 26.9777, 30.6809, 32.9339 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(134, 155, 149) }
```


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

```
.border{ border-color:rgb(134, 155, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 155, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 155, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 155, 149);  
box-shadow:4px 4px 4px 4px rgb(134, 155,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9777, 30.6809, 32.9339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 155, 149) }
```

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

```
.background{ background-color: rgb(134,  
155, 149) }
```

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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