

Converting Colors

XYZ(26.9538, 32.5745, 29.1876)

Have a look what the booklet for
XYZ(26.9538, 32.5745, 29.1876)
contains.

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Color

**XYZ(26.9406, 32.5300,
29.2851)**

Conversions

Conversions Part 1

Format	Color
Hex	83A28B
RGB	131, 162, 139
RGB Percent	51%, 64%, 55%
CMY	0.4863, 0.3647, 0.4549
CMYK	0.19, 0.00, 0.14, 0.36
HSL	135°, 14%, 57%
HSV	135°, 19%, 64%
XYZ	26.9406, 32.5300, 29.2851
YIQ	150.1090, -11.0930, -13.7250

Conversions

Conversions Part 2

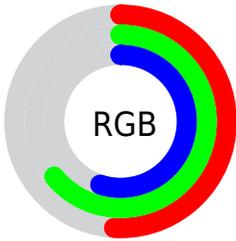
Format	Color
RYB	131, 156, 162
Decimal	8626827
CIELab	63.78, -15.43, 8.45
CIElCh	64, 17.592, 151.295
Yxy	32.5300, 0.3035, 0.3665
Android (android.graphics.Color)	4286816907 (0xFF83A28B)
YUV	150.1090, -5.4767, -16.7586
Hunter-Lab	57.0351, -15.4967, 9.4816

Details

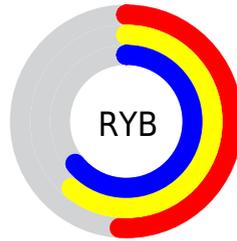
The XYZ color **26.9406, 32.5300, 29.2851** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **28.8505, 26.2479, 34.1190**, and the grayscale version is **29.0623, 30.5758, 33.2970**.

A 20% lighter version of the original color is **54.0944, 63.6218, 59.2983**, and **10.7724, 13.6225, 11.5128** is the 20% darker color. If you saturate the color by 10%, you get **23.7946, 31.0050, 24.8028**, and if you desaturate by 10%, it is **30.5774, 34.2986, 34.2959**.

Distribution



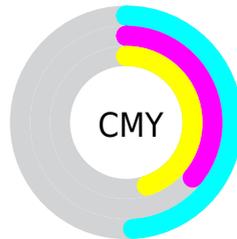
- Red (51%)
- Green (64%)
- Blue (55%)



- Red (51%)
- Yellow (61%)
- Blue (64%)



- Cyan (19%)
- Magenta (0%)
- Yellow (14%)
- Black (36%)



- Cyan (49%)
- Magenta (36%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9406, 32.5300, 29.2851 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 26.9406, 32.5300, 29.2851 by changing the saturation by 10% instead.

■ 26.9406, 32.5300,
29.2851

■ 26.9406, 32.5300,
29.2851

279.5422,
313.5265, 312.6607

■ 17.6650, 21.7666,
19.0492

■ 54.2091, 63.6410,
59.5773

■ 10.8080, 13.6855,
11.5286

■ 72.9327, 84.7575,
80.4707

■ 6.0042, 7.9023,
6.3050

■ 95.5363, 110.0938,
105.7536

■ 2.8883, 4.0325,
2.9596

122.3853,
140.0343, 135.8447

■ 1.0950, 1.6917,
1.0741

153.8450,
174.9635, 171.1624

■ 0.0209, 0.4183,
0.0000

190.2808,

■ 0.0000, 0.0000,

215.2656, 212.1252

0.0000

232.0581,
261.3252, 259.1518

■ 26.9406, 32.5300,
29.2851

■ 26.9406, 32.5300,
29.2851

■ 23.7946, 31.0050,
24.8028

■ 30.5774, 34.2986,
34.2959

■ 21.1153, 29.7090,
20.8296

■ 34.7222, 36.3167,
39.8494

■ 18.8808, 28.6318,
17.3480

■ 39.3947, 38.5950,
45.9620

■ 17.0661, 27.7611,
14.3388

■ 44.6128, 41.1425,
52.6490

■ 15.6440, 27.0830,
11.7815

■ 50.3936, 43.9675,
59.9246

 14.5836, 26.5824,
9.6540

 56.7533, 47.0783,
67.8030

 13.8492, 26.2411,
7.9323

 63.7076, 50.4825,
76.2976

 13.3716, 26.0242,
6.5888

 69.1795, 53.1093,
85.3235

 13.3354, 26.0076,
6.4894

 70.9772, 53.8284,
94.7903

Harmonies

Analogous

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



28.5187, 32.5300, 25.0297



26.9406, 32.5300, 29.2851



26.4132, 32.5300, 35.7278

Triad

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



26.9406, 32.5300, 29.2851



31.0262, 32.5300, 50.8177



35.1535, 32.5300, 28.8188

Complementary

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



26.9406, 32.5300, 29.2851



28.8505, 26.2479, 34.1190

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.



35.9097, 32.5300, 35.1133



26.9406, 32.5300, 29.2851



33.4498, 32.5300, 48.3479

Square

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



26.9406, 32.5300, 29.2851



28.6952, 32.5300, 48.7270



35.2705, 32.5300, 42.3561



33.2544, 32.5300, 24.7867

Rectangle

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



26.9406, 32.5300, 29.2851



26.7049, 32.5300, 40.5881



35.2705, 32.5300, 42.3561



35.5542, 32.5300, 30.7097

Sweetspot

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



26.9415, 32.5314, 29.2858



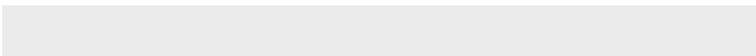
57.6840, 63.3227, 65.2010



30.3924, 34.3755, 26.5064



12.8552, 14.1732, 14.5086



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.9415, 32.5314, 29.2858



46.3446, 57.8117, 49.5482



28.1350, 33.0088, 35.5708



7.0571, 7.9237, 7.9124



10.5209, 20.4947, 5.1937



0.2391, 0.4379, 0.2042

Inverse Universe

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



28.8505, 26.2479, 34.1190



50.4616, 44.2566, 59.9693



27.6595, 25.7715, 27.8477



7.2859, 7.1708, 8.4919



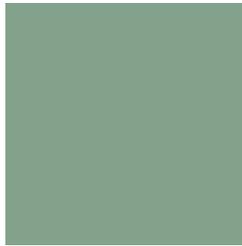
14.4372, 7.1309, 14.7589



0.3209, 0.1568, 0.4024

Previews

White Background



This preview shows how the XYZ color 26.9406, 32.5300, 29.2851 looks on a white background.

Color Contrast Check

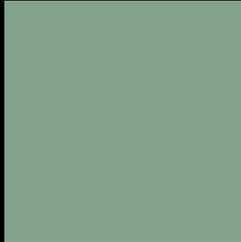
Large Text (above 18pt) WCAG AA × Fail

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 26.9406, 32.5300, 29.2851 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 26.9406, 32.5300, 29.2851

Background



This preview shows how black text looks on a background with the XYZ color 26.9406, 32.5300, 29.2851.



This preview shows how white text looks on a background with the XYZ color 26.9406, 32.5300,

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

26.9406, 32.5300, 29.2851

Protanopia

30.6267, 32.4375, 27.5685

Deuteranopia

33.0855, 32.4466, 30.1102



Tritanopia

29.7991, 32.6744, 42.7664

Trichromacy



Original Color

26.9406, 32.5300, 29.2851

Protanomaly

29.0786, 32.3755, 28.0091

Deuteranomaly

30.4639, 32.3034, 29.8289

Tritanomaly

28.6478, 32.4504, 37.5545

Monochromacy



Original Color

26.9406, 32.5300, 29.2851

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

28.0716, 31.0262, 31.7032

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9406, 32.5300, 29.2851 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, 162, 139)` looks like.

```
.text, #text, p{  
    color:rgb(131, 162, 139)  
}
```

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, 162, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 162, 139) }
```

Border

The CSS property to change the border of an element to XYZ 26.9406, 32.5300, 29.2851 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, 162, 139) }
```


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

```
.border{ border-color:rgb(131, 162, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 162, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 162, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 162, 139);  
box-shadow:4px 4px 4px 4px rgb(131, 162,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9406, 32.5300, 29.2851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 162, 139) }
```

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

```
.background{ background-color: rgb(131,  
162, 139) }
```

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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