

Converting Colors

XYZ(27.9660, 30.9445, 32.9342)

Have a look what the booklet for
XYZ(27.9660, 30.9445, 32.9342)
contains.

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Color

**XYZ(27.9649, 30.9438,
32.9326)**

Conversions

Conversions Part 1

Format	Color
Hex	8D9A95
RGB	141, 154, 149
RGB Percent	55%, 60%, 58%
CMY	0.4471, 0.3961, 0.4157
CMYK	0.08, 0.00, 0.03, 0.40
HSL	157°, 6%, 58%
HSV	157°, 8%, 60%
XYZ	27.9649, 30.9438, 32.9326
YIQ	149.5430, -6.1430, -4.3110

Conversions

Conversions Part 2

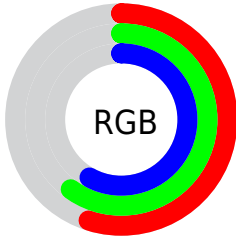
Format	Color
RYB	141, 149, 154
Decimal	9280149
CIELab	62.46, -5.64, 1.02
CIELCh	62, 5.729, 169.696
Yxy	30.9438, 0.3045, 0.3369
Android (android.graphics.Color)	4287470229 (0xFF8D9A95)
YUV	149.5430, -0.2677, -7.4922
Hunter-Lab	55.6272, -7.6119, 3.8379

Details

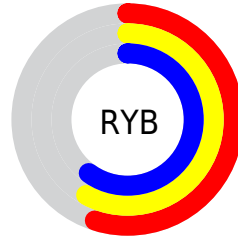
The XYZ color **27.9649, 30.9438, 32.9326** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.0407, 27.9959, 31.1214**, and the grayscale version is **28.7996, 30.2994, 32.9961**.

A 20% lighter version of the original color is **55.8410, 61.0256, 65.3359**, and **11.3692, 12.8065, 13.4279** is the 20% darker color. If you saturate the color by 10%, you get **25.0653, 29.5031, 30.3905**, and if you desaturate by 10%, it is **31.2545, 32.5844, 35.6199**.

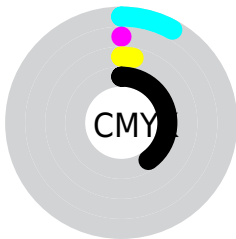
Distribution



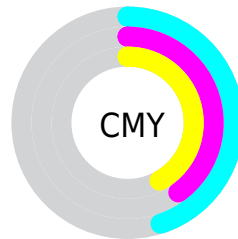
- Red (55%)
- Green (60%)
- Blue (58%)



- Red (55%)
- Yellow (58%)
- Blue (60%)



- Cyan (8%)
- Magenta (0%)
- Yellow (3%)
- Black (40%)



- Cyan (45%)
- Magenta (40%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.9649, 30.9438, 32.9326 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 27.9649, 30.9438, 32.9326 by changing the saturation by 10% instead.

■ 27.9649, 30.9438,
32.9326

■ 27.9649, 30.9438,
32.9326

284.3823,
306.2793, 329.9686

■ 18.4395, 20.5561,
21.8041

■ 55.8374, 61.1516,
65.3851

■ 11.3676, 12.7999,
13.5161

■ 74.9153, 81.7404,
87.5462

■ 6.3838, 7.2909,
7.6500

■ 97.9080, 106.4984,
114.2219

■ 3.1227, 3.6447,
3.7873

125.1810,
135.8099, 145.8307

■ 1.2190, 1.4769,
1.5094

157.0996,
170.0594, 182.7913

■ 0.1213, 0.2724,
0.2249

194.0291,

■ 0.0000, 0.0000,

209.6312, 225.5221

0.0000

236.3348,
254.9097, 274.4417

■ 27.9649, 30.9438,
32.9326

■ 27.9649, 30.9438,
32.9326

■ 25.0653, 29.5031,
30.3905

■ 31.2545, 32.5844,
35.6199

■ 22.5378, 28.2507,
27.9889

■ 34.9458, 34.4285,
38.4529

■ 20.3668, 27.1794,
25.7259

■ 39.0535, 36.4844,
41.4345

■ 18.5349, 26.2802,
23.5988

■ 43.5906, 38.7587,
44.5672

■ 17.0229, 25.5433,
21.6047

■ 48.5693, 41.2577,
47.8533

■ 15.8097, 24.9578,
19.7405

■ 54.0018, 43.9877,
51.2949

■ 14.8714, 24.5116,
18.0030

■ 59.8994, 46.9545,
54.8942

■ 14.1804, 24.1904,
16.3889

■ 62.8056, 48.3761,
58.4912

■ 13.6826, 23.9664,
14.8933

■ 63.4954, 48.6520,
62.1235

Harmonies

Analogous

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



28.2859, 30.9438, 30.9987



27.9649, 30.9438, 32.9326



28.0262, 30.9438, 35.1560

Triad

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



27.9649, 30.9438, 32.9326



29.9178, 30.9438, 37.8857



30.3886, 30.9438, 30.5322

Complementary

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



27.9649, 30.9438, 32.9326



28.0407, 27.9959, 31.1214

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.



30.8410, 30.9438, 32.2703



27.9649, 30.9438, 32.9326



30.5659, 30.9438, 36.5381

Square

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



27.9649, 30.9438, 32.9326



29.1446, 30.9438, 38.0822



30.9064, 30.9438, 34.4641



29.6793, 30.9438, 29.6538

Rectangle

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



27.9649, 30.9438, 32.9326



28.2760, 30.9438, 36.5014



30.9064, 30.9438, 34.4641



30.5763, 30.9438, 31.0316

Sweetspot

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



27.9658, 30.9451, 32.9333



53.9259, 57.7691, 62.4172



28.2540, 31.1650, 29.7261



12.1009, 13.0234, 14.0421



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.



27.9658, 30.9451, 32.9333



49.8233, 55.7256, 58.9924



28.1604, 30.6815, 35.0112



6.2838, 6.9862, 7.4178



11.1062, 19.5059, 12.0456



0.1837, 0.2987, 0.2732

Inverse Universe

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



28.0407, 27.9959, 31.1214



49.9858, 49.3284, 55.0624



27.8528, 28.2293, 29.1806



6.3022, 6.2601, 6.9717



11.5223, 5.8631, 4.0093



0.1892, 0.0944, 0.1491

Previews

White Background



This preview shows how the XYZ color 27.9649, 30.9438, 32.9326 looks on a white background.

Color Contrast Check

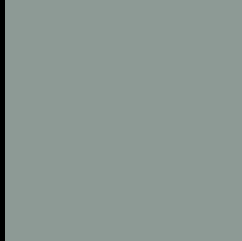
Large Text (above 18pt) WCAG AA × Fail

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 27.9649, 30.9438, 32.9326 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

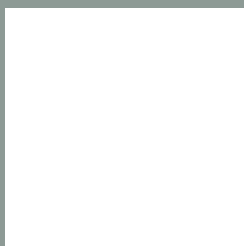
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.9649, 30.9438, 32.9326

Background



This preview shows how black text looks on a background with the XYZ color 27.9649, 30.9438, 32.9326.



This preview shows how white text looks on a background with the XYZ color 27.9649, 30.9438,

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

27.9649, 30.9438, 32.9326

Protanopia

29.4992, 30.7893, 31.9919

Deuteranopia

31.3818, 30.7915, 33.5675



Tritanopia

29.2568, 30.9764, 39.5590

Trichromacy



Original Color

27.9649, 30.9438, 32.9326

Protanomaly

28.8063, 30.6609, 32.4169

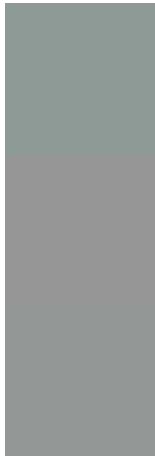
Deuteranomaly

29.9628, 30.7648, 33.2132

Tritanomaly

28.8046, 31.0365, 37.2734

Monochromacy



Original Color

27.9649, 30.9438, 32.9326

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

28.6043, 30.5383, 33.2410

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9649, 30.9438, 32.9326 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(141, 154, 149)` looks like.

```
.text, #text, p{  
    color:rgb(141, 154, 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(141, 154, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 154, 149) }
```

Border

The CSS property to change the border of an element to XYZ 27.9649, 30.9438, 32.9326 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(141, 154, 149) }
```


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

```
.border{ border-color:rgb(141, 154, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 154, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 154, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 154, 149);  
box-shadow:4px 4px 4px 4px rgb(141, 154,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9649, 30.9438, 32.9326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 154, 149) }
```

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

```
.background{ background-color: rgb(141,  
154, 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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