

Converting Colors

XYZ(30.9779, 36.4431, 32.1911)

Have a look what the booklet for
XYZ(30.9779, 36.4431, 32.1911)
contains.

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Color

**XYZ(30.9759, 36.4400,
32.1891)**

Conversions

Conversions Part 1

Format	Color
Hex	91A991
RGB	145, 169, 145
RGB Percent	57%, 66%, 57%
CMY	0.4314, 0.3372, 0.4314
CMYK	0.14, 0.00, 0.14, 0.34
HSL	120°, 12%, 62%
HSV	120°, 14%, 66%
XYZ	30.9759, 36.4400, 32.1891
YIQ	159.0880, -6.6000, -12.5520

Conversions

Conversions Part 2

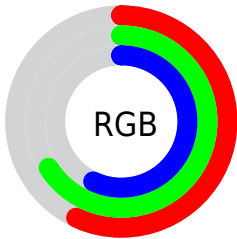
Format	Color
RYB	145, 169, 169
Decimal	9546129
CIELab	66.85, -13.05, 9.62
CIELCh	67, 16.211, 143.600
Yxy	36.4400, 0.3110, 0.3658
Android (android.graphics.Color)	4287736209 (0xFF91A991)
YUV	159.0880, -6.9454, -12.3552
Hunter-Lab	60.3656, -14.0445, 10.6403

Details

The XYZ color **30.9759, 36.4400, 32.1891** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.6504, 31.5513, 41.8544**, and the grayscale version is **33.0287, 34.7487, 37.8414**.

A 20% lighter version of the original color is **60.5176, 69.5769, 64.2729**, and **13.0429, 15.9285, 13.2135** is the 20% darker color. If you saturate the color by 10%, you get **27.0089, 34.5355, 25.6995**, and if you desaturate by 10%, it is **35.5818, 38.6535, 39.7222**.

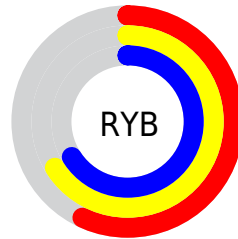
Distribution



Red (57%)

Green (66%)

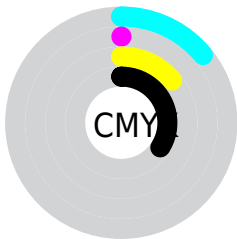
Blue (57%)



Red (57%)

Yellow (66%)

Blue (66%)

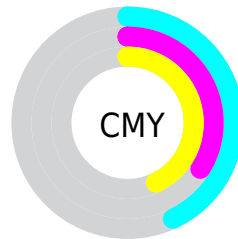


Cyan (14%)

Magenta (0%)

Yellow (14%)

Black (34%)



Cyan (43%)

Magenta (34%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.9759, 36.4400, 32.1891 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 30.9759, 36.4400, 32.1891 by changing the saturation by 10% instead.

■ 30.9759, 36.4400,
32.1891

■ 30.9759, 36.4400,
32.1891

298.2561,
330.8796, 326.4990

■ 20.7322, 24.7742,
21.2400

■ 60.5782, 69.7107,
64.2088

■ 13.0398, 15.9089,
13.1066

■ 80.6676, 92.0843,
86.1164

■ 7.5331, 9.4597,
7.3704

104.7696,
118.7960, 112.5139

■ 3.8470, 5.0422,
3.6129

133.2495,
150.2302, 143.8199

■ 1.6159, 2.2721,
1.4155

166.4728,
186.7713, 180.4528

■ 0.4028, 0.7589,
0.1537

204.8048,

■ 0.0000, 0.0000,

228.8036, 222.8313

0.0000

248.6108,
276.7116, 271.3738

■ 30.9759, 36.4400,
32.1891

■ 30.9759, 36.4400,
32.1891

■ 27.0089, 34.5355,
25.6995

■ 35.5818, 38.6535,
39.7222

■ 23.6498, 32.9220,
20.2051

■ 40.8500, 41.1841,
48.3392

■ 20.8695, 31.5865,
15.6574

■ 46.8062, 44.0452,
58.0817

■ 18.6353, 30.5133,
12.0029

■ 53.4740, 47.2481,
68.9881

■ 16.9113, 29.6852,
9.1831

■ 60.8758, 50.8035,
81.0951

■ 15.6574, 29.0828,
7.1319

■ 69.0330, 54.7218,
94.4377

■ 14.8271, 28.6840,
5.7738

■ 73.4787, 56.8573,
101.7096

■ 14.3650, 28.4620,
5.0180

■ 14.1887, 28.3773,
4.7296

Harmonies

Analogous

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



32.7810, 36.4400, 28.5418



30.9759, 36.4400, 32.1891



30.1563, 36.4400, 38.1904

Triad

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



30.9759, 36.4400, 32.1891



34.1121, 36.4400, 54.6709



39.1393, 36.4400, 34.5111

Complementary

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



30.9759, 36.4400, 32.1891



33.6504, 31.5513, 41.8544

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.



39.5368, 36.4400, 41.2017



30.9759, 36.4400, 32.1891



36.5579, 36.4400, 53.3864

Square

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



30.9759, 36.4400, 32.1891



31.9111, 36.4400, 51.5724



38.5717, 36.4400, 48.2444



37.5100, 36.4400, 29.7676

Rectangle

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



30.9759, 36.4400, 32.1891



30.2502, 36.4400, 42.9387



38.5717, 36.4400, 48.2444



39.4245, 36.4400, 36.5847

Sweetspot

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



30.9769, 36.4416, 32.1899



63.8376, 69.2785, 71.3257



35.6626, 38.8571, 32.4092



13.7738, 15.0325, 15.3170



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



30.9769, 36.4416, 32.1899



53.1512, 64.1453, 53.8462



31.9520, 36.8316, 37.3246



7.4368, 8.4077, 8.0202



10.5742, 21.1485, 3.5248



0.2573, 0.5145, 0.0858

Inverse Universe

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



33.6504, 31.5513, 41.8544



58.8613, 53.7006, 74.4879



32.5746, 31.1210, 36.1895



7.8419, 7.6666, 9.4848



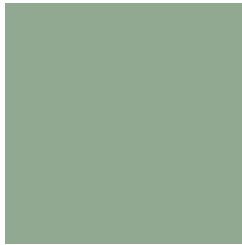
17.5320, 8.4215, 28.6768



0.4266, 0.2049, 0.6977

Previews

White Background



This preview shows how the XYZ color 30.9759, 36.4400, 32.1891 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 30.9759, 36.4400, 32.1891 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 30.9759, 36.4400, 32.1891

Background



This preview shows how black text looks on a background with the XYZ color 30.9759, 36.4400, 32.1891.



This preview shows how white text looks on a background with the XYZ color 30.9759, 36.4400,

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

30.9759, 36.4400, 32.1891

Protanopia

34.3056, 36.3098, 30.3997

Deuteranopia

36.9307, 36.3193, 33.0808



Tritanopia

33.7889, 36.2093, 46.8032

Trichromacy



Original Color

30.9759, 36.4400, 32.1891

Protanomaly

33.0356, 36.4403, 30.8837

Deuteranomaly

34.3735, 36.0313, 32.7468

Tritanomaly

32.6405, 36.2849, 40.8807

Monochromacy



Original Color

30.9759, 36.4400, 32.1891

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.2564, 35.3975, 35.7042

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9759, 36.4400, 32.1891 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(145, 169, 145)` looks like.

```
.text, #text, p{  
    color:rgb(145, 169, 145)  
}
```

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(145, 169, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 169, 145) }
```

Border

The CSS property to change the border of an element to XYZ 30.9759, 36.4400, 32.1891 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(145, 169, 145) }
```


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

```
.border{ border-color:rgb(145, 169, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 169, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 169, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 169, 145);  
box-shadow:4px 4px 4px 4px rgb(145, 169,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9759, 36.4400, 32.1891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 169, 145) }
```

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

```
.background{ background-color: rgb(145,  
169, 145) }
```

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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