

Converting Colors

XYZ(26.9532, 32.7819, 32.5069)

Have a look what the booklet for
XYZ(26.9532, 32.7819, 32.5069)
contains.

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Color

**XYZ(26.9678, 32.7366,
32.5012)**

Conversions

Conversions Part 1

Format	Color
Hex	7EA393
RGB	126, 163, 147
RGB Percent	49%, 64%, 58%
CMY	0.5059, 0.3608, 0.4235
CMYK	0.23, 0.00, 0.10, 0.36
HSL	154°, 17%, 57%
HSV	154°, 23%, 64%
XYZ	26.9678, 32.7366, 32.5012
YIQ	150.1130, -16.9160, -12.8200

Conversions

Conversions Part 2

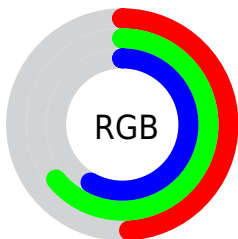
Format	Color
RYB	126, 150, 163
Decimal	8299411
CIELab	63.95, -16.05, 4.18
CIElCh	64, 16.581, 165.408
Yxy	32.7366, 0.2925, 0.3550
Android (android.graphics.Color)	4286489491 (0xFF7EA393)
YUV	150.1130, -1.5347, -21.1471
Hunter-Lab	57.2159, -15.9947, 6.3718

Details

The XYZ color **26.9678, 32.7366, 32.5012** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **27.4487, 24.6620, 28.9060**, and the grayscale version is **29.0495, 30.5624, 33.2824**.

A 20% lighter version of the original color is **54.2044, 63.9436, 64.7438**, and **10.7763, 13.7499, 13.1524** is the 20% darker color. If you saturate the color by 10%, you get **24.2211, 31.3835, 29.5734**, and if you desaturate by 10%, it is **30.1419, 34.3079, 35.6274**.

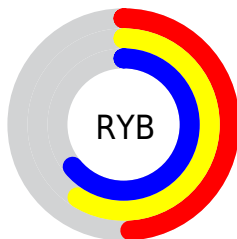
Distribution



Red (49%)

Green (64%)

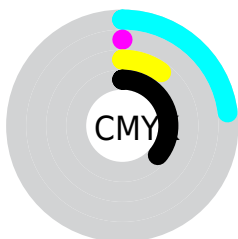
Blue (58%)



Red (49%)

Yellow (59%)

Blue (64%)

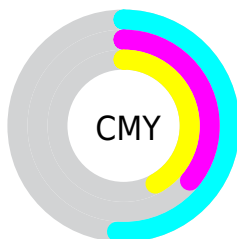


Cyan (23%)

Magenta (0%)

Yellow (10%)

Black (36%)



Cyan (51%)

Magenta (36%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9678, 32.7366, 32.5012 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 26.9678, 32.7366, 32.5012 by changing the saturation by 10% instead.

■ 26.9678, 32.7366,
32.5012

■ 26.9678, 32.7366,
32.5012

279.6716,
314.4612, 327.9589

■ 17.6855, 21.9247,
21.4766

■ 54.2524, 63.9641,
64.7030

■ 10.8227, 13.8016,
13.2782

■ 72.9855, 85.1485,
86.7173

■ 6.0142, 7.9828,
7.4874

■ 95.5995, 110.5592,
113.2319

■ 2.8944, 4.0840,
3.6857

122.4599,
140.5806, 144.6654

■ 1.0982, 1.7206,
1.4546

153.9319,
175.5971, 181.4363

■ 0.0236, 0.4370,
0.1837

190.3809,

■ 0.0000, 0.0000,

215.9931, 223.9632

0.0000

232.1724,
262.1530, 272.6645

■ 26.9678, 32.7366,
32.5012

■ 26.9678, 32.7366,
32.5012

■ 24.2211, 31.3835,
29.5734

■ 30.1419, 34.3079,
35.6274

■ 21.8796, 30.2345,
26.8377

■ 33.7589, 36.1026,
38.9536

■ 19.9229, 29.2802,
24.2906

■ 37.8368, 38.1310,
42.4845

■ 18.3280, 28.5086,
21.9278

■ 42.3920, 40.4012,
46.2237

■ 17.0691, 27.9066,
19.7446

■ 47.4398, 42.9212,
50.1747

■ 16.1168, 27.4592,
17.7360

■ 52.9949, 45.6985,
54.3410

■ 15.4364, 27.1484,
15.8969

■ 59.0715, 48.7403,
58.7260

■ 15.0520, 26.9773,
14.6564

■ 65.1646, 51.7863,
63.3088

■ 66.0262, 52.1310,
67.8463

Harmonies

Analogous

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



28.0250, 32.7366, 27.3551



26.9678, 32.7366, 32.5012



26.9829, 32.7366, 39.1727

Triad

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



26.9678, 32.7366, 32.5012



32.3239, 32.7366, 49.5392



34.3761, 32.7366, 27.2466

Complementary

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



26.9678, 32.7366, 32.5012



27.4487, 24.6620, 28.9060

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.



35.6492, 32.7366, 32.3349



26.9678, 32.7366, 32.5012



34.4245, 32.7366, 45.4593

Square

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



26.9678, 32.7366, 32.5012



29.9973, 32.7366, 49.5983



35.6673, 32.7366, 38.9844



32.2605, 32.7366, 24.5891

Rectangle

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



26.9678, 32.7366, 32.5012



27.5961, 32.7366, 43.6291



35.6673, 32.7366, 38.9844



34.9213, 32.7366, 28.6990

Sweetspot

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



26.9687, 32.7380, 32.5019



57.4875, 63.1797, 67.0764



28.0252, 33.4559, 24.7196



12.8308, 14.1498, 14.9910



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.



26.9687, 32.7380, 32.5019



45.8416, 57.4169, 55.6446



27.8796, 32.4083, 39.4380



7.1460, 7.9592, 8.3807



11.7207, 20.9746, 11.5118



0.2694, 0.4500, 0.3636

Inverse Universe

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



27.4487, 24.6620, 28.9060



46.8484, 40.4867, 48.1090



26.6513, 24.8540, 23.1316



7.1950, 7.1345, 8.0133



12.6321, 6.4089, 5.2532



0.2890, 0.1441, 0.2343

Previews

White Background



This preview shows how the XYZ color 26.9678, 32.7366, 32.5012 looks on a white background.

Color Contrast Check

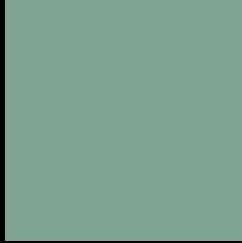
Large Text (above 18pt) WCAG AA × Fail

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 26.9678, 32.7366, 32.5012 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

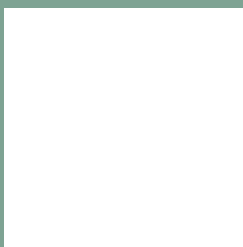
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.9678, 32.7366, 32.5012

Background



This preview shows how black text looks on a background with the XYZ color 26.9678, 32.7366, 32.5012.

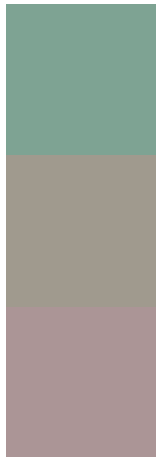


This preview shows how white text looks on a background with the XYZ color 26.9678, 32.7366,

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

26.9678, 32.7366, 32.5012

Protanopia

30.9353, 32.5378, 30.2411

Deuteranopia

33.0471, 32.3548, 33.3575



Tritanopia

29.2046, 32.6001, 43.7829

Trichromacy



Original Color

26.9678, 32.7366, 32.5012

Protanomaly

29.3038, 32.4235, 31.0994

Deuteranomaly

30.4980, 32.2497, 33.0512

Tritanomaly

28.2349, 32.4531, 39.4263

Monochromacy



Original Color

26.9678, 32.7366, 32.5012

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

28.1307, 31.2753, 32.9879

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9678, 32.7366, 32.5012 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(126, 163, 147)` looks like.

```
.text, #text, p{  
    color:rgb(126, 163, 147)  
}
```

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(126, 163, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 163, 147) }
```

Border

The CSS property to change the border of an element to XYZ 26.9678, 32.7366, 32.5012 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(126, 163, 147) }
```


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

```
.border{ border-color:rgb(126, 163, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 163, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 163, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 163, 147);  
box-shadow:4px 4px 4px 4px rgb(126, 163,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9678, 32.7366, 32.5012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 163, 147) }
```

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

```
.background{ background-color: rgb(126,  
163, 147) }
```

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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