

Converting Colors

XYZ(26.7932, 32.6757, 33.0341)

Have a look what the booklet for
XYZ(26.7932, 32.6757, 33.0341)
contains.

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Color

**XYZ(26.7547, 32.6176,
32.9027)**

Conversions

Conversions Part 1

Format	Color
Hex	7CA394
RGB	124, 163, 148
RGB Percent	49%, 64%, 58%
CMY	0.5137, 0.3608, 0.4196
CMYK	0.24, 0.00, 0.09, 0.36
HSL	157°, 17%, 56%
HSV	157°, 24%, 64%
XYZ	26.7547, 32.6176, 32.9027
YIQ	149.6290, -18.4290, -12.9330

Conversions

Conversions Part 2

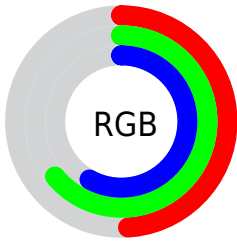
Format	Color
RYB	124, 148, 163
Decimal	8168340
CIELab	63.85, -16.50, 3.46
CIElCh	64, 16.855, 168.148
Yxy	32.6176, 0.2899, 0.3535
Android (android.graphics.Color)	4286358420 (0xFF7CA394)
YUV	149.6290, -0.8031, -22.4766
Hunter-Lab	57.1118, -16.3253, 5.8207

Details

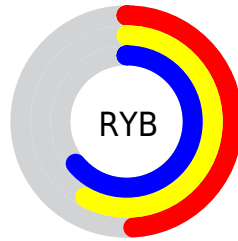
The XYZ color **26.7547, 32.6176, 32.9027** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **26.9733, 24.0668, 27.6512**, and the grayscale version is **28.8419, 30.3439, 33.0446**.

A 20% lighter version of the original color is **53.8635, 63.7542, 65.3440**, and **10.6661, 13.6878, 13.3891** is the 20% darker color. If you saturate the color by 10%, you get **24.1082, 31.3100, 30.2584**, and if you desaturate by 10%, it is **29.8193, 34.1394, 35.7084**.

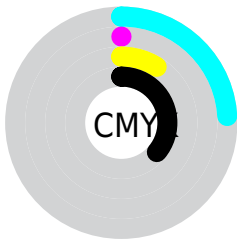
Distribution



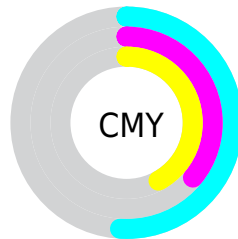
- Red (49%)
- Green (64%)
- Blue (58%)



- Red (49%)
- Yellow (58%)
- Blue (64%)



- Cyan (24%)
- Magenta (0%)
- Yellow (9%)
- Black (36%)



- Cyan (51%)
- Magenta (36%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7547, 32.6176, 32.9027 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 26.7547, 32.6176, 32.9027 by changing the saturation by 10% instead.

■ 26.7547, 32.6176,
32.9027

■ 26.7547, 32.6176,
32.9027

278.6567,
313.9231, 329.8296

■ 17.5247, 21.8337,
21.7814

■ 53.9127, 63.7780,
65.3378

■ 10.7069, 13.7347,
13.4996

■ 72.5713, 84.9233,
87.4888

■ 5.9360, 7.9364,
7.6387

■ 95.1036, 110.2912,
114.1534

■ 2.8465, 4.0543,
3.7802

121.8749,
140.2661, 145.7501

■ 1.0731, 1.7040,
1.5056

153.2505,
175.2323, 182.6976

■ 0.0024, 0.4262,
0.2221

189.5957,

■ 0.0000, 0.0000,

215.5743, 225.4143

0.0000

231.2760,
261.6764, 274.3188

■ 26.7547, 32.6176,
32.9027

■ 26.7547, 32.6176,
32.9027

■ 24.1082, 31.3100,
30.2584

■ 29.8193, 34.1394,
35.7084

■ 21.8576, 30.2025,
27.7700

■ 33.3176, 35.8808,
38.6761

■ 19.9825, 29.2856,
25.4352

■ 37.2675, 37.8518,
41.8097

■ 18.4598, 28.5474,
23.2504

■ 41.6851, 40.0607,
45.1118

■ 17.2636, 27.9746,
21.2122

■ 46.5860, 42.5153,
48.5851

■ 16.3642, 27.5519,
19.3166

■ 51.9846, 45.2233,
52.2325

■ 15.7261, 27.2612,
17.5595

■ 57.8950, 48.1917,
56.0564

■ 15.4128, 27.1216,
16.5565

■ 64.3306, 51.4274,
60.0593

■ 65.2886, 51.8359,
63.9623

Harmonies

Analogous

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



27.7317, 32.6176, 27.5033



26.7547, 32.6176, 32.9027



26.8722, 32.6176, 39.7348

Triad

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



26.7547, 32.6176, 32.9027



32.4424, 32.6176, 49.4084



34.1414, 32.6176, 26.6579

Complementary

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



26.7547, 32.6176, 32.9027



26.9733, 24.0668, 27.6512

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.



35.5347, 32.6176, 31.6051



26.7547, 32.6176, 32.9027



34.5200, 32.6176, 44.9486

Square

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



26.7547, 32.6176, 32.9027



30.0760, 32.6176, 49.8719



35.6767, 32.6176, 38.2621



31.9470, 32.6176, 24.2174

Rectangle

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



26.7547, 32.6176, 32.9027



27.5563, 32.6176, 44.1971



35.6767, 32.6176, 38.2621



34.7237, 32.6176, 28.0516

Sweetspot

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



26.7556, 32.6190, 32.9034



57.5734, 63.2140, 67.5285



27.4843, 33.1918, 24.0274



12.8515, 14.1581, 15.1001



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.



26.7556, 32.6190, 32.9034



45.1653, 57.0546, 56.2321



27.3395, 31.7615, 39.3415



7.1601, 7.9648, 8.4547



12.0007, 21.0866, 12.9862



0.2742, 0.4519, 0.3889

Inverse Universe

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



26.9733, 24.0668, 27.6512



45.6287, 38.8959, 45.0863



26.4495, 24.6549, 22.4342



7.1813, 7.1290, 7.9410



12.4504, 6.3362, 4.2965



0.2843, 0.1422, 0.2096

Previews

White Background



This preview shows how the XYZ color 26.7547, 32.6176, 32.9027 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 26.7547, 32.6176, 32.9027 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 26.7547, 32.6176, 32.9027

Background



This preview shows how black text looks on a background with the XYZ color 26.7547, 32.6176, 32.9027.

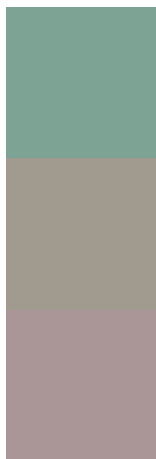


This preview shows how white text looks on a background with the XYZ color 26.7547, 32.6176,

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

26.7547, 32.6176, 32.9027

Protanopia

31.0107, 32.5680, 30.6384

Deuteranopia

32.9109, 32.2753, 33.7733



Tritanopia

28.8978, 32.4420, 43.7686

Trichromacy



Original Color

26.7547, 32.6176, 32.9027

Protanomaly

29.2004, 32.3613, 31.4954

Deuteranomaly

30.1975, 32.0855, 33.4557

Tritanomaly

27.9341, 32.2980, 39.4122

Monochromacy



Original Color

26.7547, 32.6176, 32.9027

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 26.7547, 32.6176, 32.9027 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(124, 163, 148)` looks like.

```
.text, #text, p{  
    color:rgb(124, 163, 148)  
}
```

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(124, 163, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 163, 148) }
```

Border

The CSS property to change the border of an element to XYZ 26.7547, 32.6176, 32.9027 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(124, 163, 148) }
```


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

```
.border{ border-color:rgb(124, 163, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 163, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(124, 163, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(124, 163, 148); box-shadow:4px 4px 4px 4px rgb(124, 163, 148) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7547, 32.6176, 32.9027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 163, 148) }
```

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

```
.background{ background-color: rgb(124,  
163, 148) }
```

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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