

Converting Colors

XYZ(25.2716, 29.8231, 31.8804)

Have a look what the booklet for
XYZ(25.2716, 29.8231, 31.8804)
contains.

XYZ(25.3000, 29.8344, 32.0289)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.3000, 29.8344,
32.0289)**

Conversions

Conversions Part 1

Format	Color
Hex	7C9B93
RGB	124, 155, 147
RGB Percent	49%, 61%, 58%
CMY	0.5137, 0.3921, 0.4235
CMYK	0.20, 0.00, 0.05, 0.39
HSL	165°, 13%, 55%
HSV	165°, 20%, 61%
XYZ	25.3000, 29.8344, 32.0289
YIQ	144.8190, -15.9080, -9.0600

Conversions

Conversions Part 2

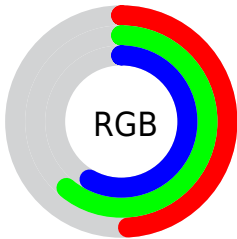
Format	Color
RYB	124, 142, 155
Decimal	8166291
CIELab	61.51, -12.46, 0.63
CIELCh	62, 12.480, 177.116
Yxy	29.8344, 0.2903, 0.3423
Android (android.graphics.Color)	4286356371 (0xFF7C9B93)
YUV	144.8190, 1.0752, -18.2583
Hunter-Lab	54.6209, -12.9066, 3.4678

Details

The XYZ color **25.3000, 29.8344, 32.0289** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.8912, 23.0506, 24.9685**, and the grayscale version is **26.8413, 28.2391, 30.7524**.

A 20% lighter version of the original color is **51.4745, 59.1651, 63.9653**, and **9.9320, 12.2195, 13.1444** is the 20% darker color. If you saturate the color by 10%, you get **22.9253, 28.6467, 30.3077**, and if you desaturate by 10%, it is **28.0394, 31.2105, 33.8254**.

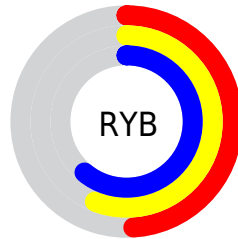
Distribution



Red (49%)

Green (61%)

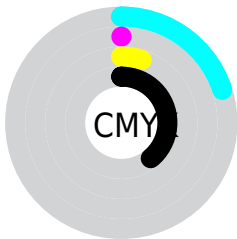
Blue (58%)



Red (49%)

Yellow (56%)

Blue (61%)

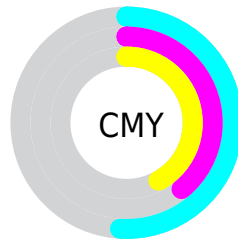


Cyan (20%)

Magenta (0%)

Yellow (5%)

Black (39%)



Cyan (51%)

Magenta (39%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3000, 29.8344, 32.0289 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 25.3000, 29.8344, 32.0289 by changing the saturation by 10% instead.

■ 25.3000, 29.8344,
32.0289

■ 25.3000, 29.8344,
32.0289

271.6488,
301.1318, 325.7477

■ 16.4306, 19.7129,
21.1186

■ 51.5829, 59.4002,
63.9548

■ 9.9222, 12.1865,
13.0186

■ 69.7271, 79.6133,
85.8075

■ 5.4092, 6.8709,
7.3105

■ 91.6937, 103.9591,
112.1447

■ 2.5265, 3.3815,
3.5756

117.8479,
132.8219, 143.3850

■ 0.9087, 1.3340,
1.3956

148.5552,
166.5862, 179.9469

■ 0.0000, 0.1673,
0.1383

184.1809,

■ 0.0000, 0.0000,

205.6364, 222.2489

0.0000

225.0903,
250.3568, 270.7097

■ 25.3000, 29.8344,
32.0289

■ 25.3000, 29.8344,
32.0289

■ 22.9253, 28.6467,
30.3077

■ 28.0394, 31.2105,
33.8254

■ 20.8963, 27.6351,
28.6585

■ 31.1565, 32.7793,
35.6966

■ 19.1961, 26.7917,
27.0806

■ 34.6667, 34.5493,
37.6443

■ 17.8051, 26.1066,
25.5724

■ 38.5836, 36.5278,
39.6697

■ 16.7018, 25.5685,
24.1323

■ 42.9204, 38.7214,
41.7740

■ 15.8618, 25.1651,
22.7586

■ 47.6896, 41.1366,
43.9582

■ 15.2566, 24.8814,
21.4494

■ 52.9031, 43.7795,
46.2236

■ 14.8160, 24.6815,
20.2008

■ 58.5724, 46.6561,
48.5710

■ 61.5102, 48.1231,
50.8520

Harmonies

Analogous

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



25.7710, 29.8344, 27.7899



25.3000, 29.8344, 32.0289



25.6213, 29.8344, 36.8117

Triad

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



25.3000, 29.8344, 32.0289



29.8299, 29.8344, 41.2768



30.1172, 29.8344, 25.4258

Complementary

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



25.3000, 29.8344, 32.0289



24.8912, 23.0506, 24.9685

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.



31.2802, 29.8344, 28.5106



25.3000, 29.8344, 32.0289



31.1098, 29.8344, 37.6803

Square

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



25.3000, 29.8344, 32.0289



28.1971, 29.8344, 42.4477



31.6502, 29.8344, 32.9446



28.5169, 29.8344, 24.2169

Rectangle

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



25.3000, 29.8344, 32.0289



26.2488, 29.8344, 39.6196



31.6502, 29.8344, 32.9446



30.5746, 29.8344, 26.2622

Sweetspot

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



25.3008, 29.8356, 32.0296



52.2993, 56.9412, 61.8602



24.9179, 29.8263, 23.5130



11.7640, 12.8513, 13.9570



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.



25.3008, 29.8356, 32.0296



43.3299, 52.4385, 55.9651



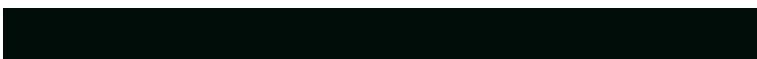
24.7829, 27.7595, 35.0638



6.3165, 6.9993, 7.5898



11.9158, 19.8298, 16.3091



0.1926, 0.3022, 0.3198

Inverse Universe

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



24.8912, 23.0506, 24.9685



42.4611, 38.0337, 40.9788



25.3043, 24.7200, 22.5070



6.2710, 6.2476, 6.8072



11.1789, 5.7258, 2.2013



0.1803, 0.0909, 0.1025

Previews

White Background



This preview shows how the XYZ color 25.3000, 29.8344, 32.0289 looks on a white background.

Color Contrast Check

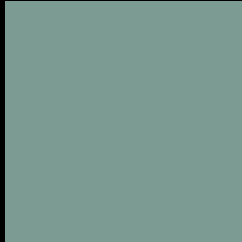
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.3000, 29.8344, 32.0289 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 × Fail

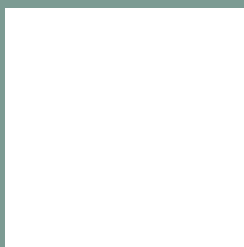
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.3000, 29.8344, 32.0289

Background



This preview shows how black text looks on a background with the XYZ color 25.3000, 29.8344, 32.0289.

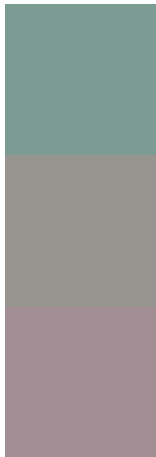


This preview shows how white text looks on a background with the XYZ color 25.3000, 29.8344,

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

25.3000, 29.8344, 32.0289

Protanopia

28.4967, 29.8384, 30.2440

Deuteranopia

30.1476, 29.4962, 32.5382



Tritanopia

26.7722, 29.6851, 39.9161

Trichromacy



Original Color

25.3000, 29.8344, 32.0289

Protanomaly

27.2560, 29.8976, 30.7198

Deuteranomaly

27.9918, 29.3015, 32.1974

Tritanomaly

26.1670, 29.6867, 36.6987

Monochromacy



Original Color

25.3000, 29.8344, 32.0289

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.2523, 28.8886, 31.3865

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3000, 29.8344, 32.0289 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, 155, 147)` looks like.

```
.text, #text, p{  
    color:rgb(124, 155, 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(124, 155, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 155, 147) }
```

Border

The CSS property to change the border of an element to XYZ 25.3000, 29.8344, 32.0289 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, 155, 147) }
```


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

```
.border{ border-color:rgb(124, 155, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 155, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 155, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 155, 147);  
box-shadow:4px 4px 4px 4px rgb(124, 155,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3000, 29.8344, 32.0289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 155, 147) }
```

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

```
.background{ background-color: rgb(124,  
155, 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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