

Converting Colors

XYZ(29.0337, 31.8886, 32.5482)

Have a look what the booklet for
XYZ(29.0337, 31.8886, 32.5482)
contains.

XYZ(29.0878, 32.0260, 32.6655)	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(29.0878, 32.0260,
32.6655)**

Conversions

Conversions Part 1

Format	Color
Hex	929C94
RGB	146, 156, 148
RGB Percent	57%, 61%, 58%
CMY	0.4274, 0.3882, 0.4196
CMYK	0.06, 0.00, 0.05, 0.39
HSL	132°, 5%, 59%
HSV	132°, 6%, 61%
XYZ	29.0878, 32.0260, 32.6655
YIQ	152.0980, -3.3920, -4.6080

Conversions

Conversions Part 2

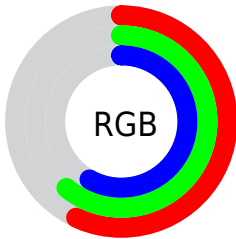
Format	Color
R _{YB}	146, 154, 156
Decimal	9608340
CIE Lab	63.36, -5.14, 2.95
CIE LCh	63, 5.926, 150.173
Yxy	32.0260, 0.3102, 0.3415
Android (android.graphics.Color)	4287798420 (0xFF929C94)
YUV	152.0980, -2.0203, -5.3479
Hunter-Lab	56.5915, -7.2869, 5.3910

Details

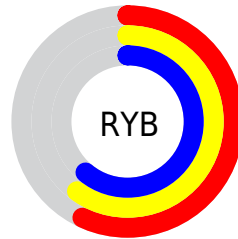
The XYZ color **29.0878, 32.0260, 32.6655** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.8231, 29.9596, 34.7843**, and the grayscale version is **29.8975, 31.4545, 34.2540**.

A 20% lighter version of the original color is **57.5267, 62.6368, 64.9352**, and **12.0331, 13.4530, 13.2717** is the 20% darker color. If you saturate the color by 10%, you get **25.5665, 30.3197, 27.6189**, and if you desaturate by 10%, it is **33.0959, 33.9728, 38.2923**.

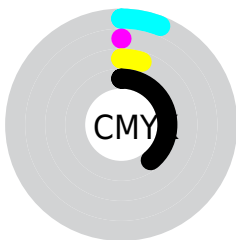
Distribution



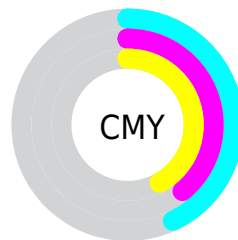
- Red (57%)
- Green (61%)
- Blue (58%)



- Red (57%)
- Yellow (60%)
- Blue (61%)



- Cyan (6%)
- Magenta (0%)
- Yellow (5%)
- Black (39%)



- Cyan (43%)
- Magenta (39%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.0878, 32.0260, 32.6655 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 29.0878, 32.0260, 32.6655 by changing the saturation by 10% instead.

■ 29.0878, 32.0260,
32.6655

■ 29.0878, 32.0260,
32.6655

289.6157,
311.2377, 328.7254

■ 19.2919, 21.3814,
21.6013

■ 57.6131, 62.8518,
64.9629

■ 11.9866, 13.4030,
13.3687

■ 77.0733, 83.8018,
87.0332

■ 6.8067, 7.7067,
7.5492

100.4855,
108.9557, 113.6093

■ 3.3868, 3.9078,
3.7243

128.2152,
138.6979, 145.1097

■ 1.3614, 1.6221,
1.4753

160.6277,
173.4128, 181.9530

■ 0.2285, 0.3725,
0.1995

198.0884,

■ 0.0000, 0.0000,

213.4848, 224.5577

0.0000

240.9626,
259.2983, 273.3423

■ 29.0878, 32.0260,
32.6655

■ 29.0878, 32.0260,
32.6655

■ 25.5665, 30.3197,
27.6189

■ 33.0959, 33.9728,
38.2923

■ 22.5107, 28.8405,
23.1321

■ 37.6058, 36.1646,
44.5149

■ 19.9015, 27.5800,
19.1863

■ 42.6349, 38.6112,
51.3507

■ 17.7177, 26.5278,
15.7610

■ 48.1992, 41.3202,
58.8159

■ 15.9364, 25.6724,
12.8344

■ 54.3139, 44.2993,
66.9262

■ 14.5323, 25.0014,
10.3832

■ 60.9937, 47.5556,
75.6965

■ 13.4773, 24.5007,
8.3822

■ 68.1777, 51.0576,
85.1379

■ 12.7392, 24.1544,
6.8038

■ 70.0489, 51.8061,
94.9916

■ 12.2726, 23.9396,
5.6169

■ 71.1791, 52.2581,
100.9430

Harmonies

Analogous

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



29.6515, 32.0260, 31.0987



29.0878, 32.0260, 32.6655



28.8850, 32.0260, 34.8846

Triad

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



29.0878, 32.0260, 32.6655



30.4445, 32.0260, 39.6008



31.8280, 32.0260, 32.6428

Complementary

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



29.0878, 32.0260, 32.6655



29.8231, 29.9596, 34.7843

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.



32.0494, 32.0260, 34.8572



29.0878, 32.0260, 32.6655



31.2419, 32.0260, 38.9363

Square

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



29.0878, 32.0260, 32.6655



29.6596, 32.0260, 38.9511



31.8330, 32.0260, 37.1733



31.2334, 32.0260, 31.0860

Rectangle

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



29.0878, 32.0260, 32.6655



28.9788, 32.0260, 36.4568



31.8330, 32.0260, 37.1733



31.9490, 32.0260, 33.3316

Sweetspot

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



29.0887, 32.0274, 32.6662



55.9025, 59.6587, 63.6645



30.4362, 32.7402, 31.9099



12.3206, 13.1370, 14.0365



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.



29.0887, 32.0274, 32.6662



51.6509, 57.5956, 57.6523



29.4795, 32.1837, 34.7244



6.6023, 7.4217, 7.3403



10.0088, 19.6714, 4.4031



0.1919, 0.3569, 0.1466

Inverse Universe

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



29.8231, 29.9596, 34.7843



53.3284, 52.8719, 62.4907



29.4283, 29.8017, 32.7056



6.8473, 6.7318, 8.0469



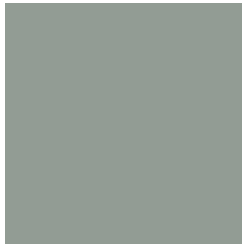
14.3444, 7.0423, 16.5964



0.2698, 0.1312, 0.3667

Previews

White Background



This preview shows how the XYZ color 29.0878, 32.0260, 32.6655 looks on a white background.

Color Contrast Check

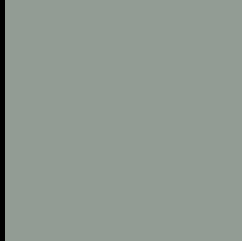
Large Text (above 18pt) WCAG AA × Fail

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 29.0878, 32.0260, 32.6655 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

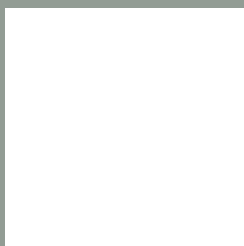
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.0878, 32.0260, 32.6655

Background



This preview shows how black text looks on a background with the XYZ color 29.0878, 32.0260, 32.6655.



This preview shows how white text looks on a background with the XYZ color 29.0878, 32.0260,

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

29.0878, 32.0260, 32.6655

Protanopia

30.6801, 32.1269, 31.7782

Deuteranopia

32.4571, 31.8168, 33.2847



Tritanopia

30.6686, 31.9252, 40.6222

Trichromacy



Original Color

29.0878, 32.0260, 32.6655

Protanomaly

30.1485, 32.0878, 32.2083

Deuteranomaly

31.1894, 31.8802, 32.9434

Tritanomaly

30.0264, 31.9103, 37.3776

Monochromacy



Original Color

29.0878, 32.0260, 32.6655

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.5548, 31.5009, 33.8007

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0878, 32.0260, 32.6655 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(146, 156, 148)` looks like.

```
.text, #text, p{  
    color:rgb(146, 156, 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(146, 156, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 156, 148) }
```

Border

The CSS property to change the border of an element to XYZ 29.0878, 32.0260, 32.6655 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(146, 156, 148) }
```


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

```
.border{ border-color:rgb(146, 156, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 156, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 156, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 156, 148);  
box-shadow:4px 4px 4px 4px rgb(146, 156,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0878, 32.0260, 32.6655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 156, 148) }
```

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

```
.background{ background-color: rgb(146,  
156, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor