

Converting Colors

XYZ(29.2861, 33.0128, 33.3164)

Have a look what the booklet for
XYZ(29.2861, 33.0128, 33.3164)
contains.

XYZ(29.3233, 33.1512, 33.2871)	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(29.3233, 33.1512,
33.2871)**

Conversions

Conversions Part 1

Format	Color
Hex	8FA095
RGB	143, 160, 149
RGB Percent	56%, 63%, 58%
CMY	0.4392, 0.3725, 0.4157
CMYK	0.11, 0.00, 0.07, 0.37
HSL	141°, 8%, 59%
HSV	141°, 11%, 63%
XYZ	29.3233, 33.1512, 33.2871
YIQ	153.6630, -6.6010, -7.0250

Conversions

Conversions Part 2

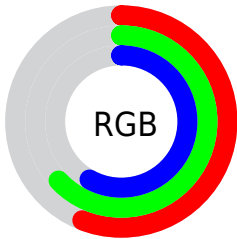
Format	Color
RYB	143, 156, 160
Decimal	9412757
CIELab	64.28, -8.19, 3.69
CIELCh	64, 8.986, 155.771
Yxy	33.1512, 0.3062, 0.3462
Android (android.graphics.Color)	4287602837 (0xFF8FA095)
YUV	153.6630, -2.2989, -9.3515
Hunter-Lab	57.5771, -9.8520, 6.0266

Details

The XYZ color **29.3233, 33.1512, 33.2871** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.1536, 29.4524, 34.6690**, and the grayscale version is **30.5801, 32.1726, 35.0360**.

A 20% lighter version of the original color is **58.1059, 64.7830, 65.9418**, and **12.1874, 14.1463, 13.6434** is the 20% darker color. If you saturate the color by 10%, you get **25.9584, 31.5088, 29.0049**, and if you desaturate by 10%, it is **33.1587, 35.0295, 37.9764**.

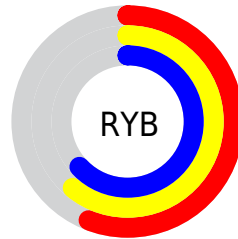
Distribution



Red (56%)

Green (63%)

Blue (58%)



Red (56%)

Yellow (61%)

Blue (63%)

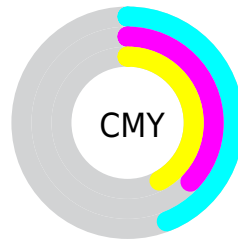


Cyan (11%)

Magenta (0%)

Yellow (7%)

Black (37%)



Cyan (44%)

Magenta (37%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.3233, 33.1512, 33.2871 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 29.3233, 33.1512, 33.2871 by changing the saturation by 10% instead.

■ 29.3233, 33.1512,
33.2871

■ 29.3233, 33.1512,
33.2871

290.7041,
316.3305, 331.6130

■ 19.4710, 22.2423,
22.0736

■ 57.9844, 64.6115,
65.9447

■ 12.1172, 14.0350,
13.7121

■ 77.5239, 85.9317,
88.2258

■ 6.8963, 8.1450,
7.7843

101.0232,
111.4912, 115.0332

■ 3.4431, 4.1879,
3.8714

128.8476,
141.6742, 146.7854

■ 1.3922, 1.7792,
1.5551

161.3626,
176.8653, 183.9009

■ 0.2506, 0.4742,
0.2585

198.9334,

■ 0.0000, 0.0000,

217.4487, 226.7983

0.0000

241.9255,
263.8090, 275.8962

■ 29.3233, 33.1512,
33.2871

■ 29.3233, 33.1512,
33.2871

■ 25.9584, 31.5088,
29.0049

■ 33.1587, 35.0295,
37.9764

■ 23.0427, 30.0887,
25.1168

■ 37.4792, 37.1483,
43.0810

■ 20.5572, 28.8824,
21.6122

■ 42.3024, 39.5174,
48.6116

■ 18.4806, 27.8791,
18.4793

■ 47.6441, 42.1446,
54.5778

■ 16.7898, 27.0671,
15.7056

■ 53.5194, 45.0376,
60.9892

■ 15.4590, 26.4334,
13.2781

■ 59.9426, 48.2036,
67.8546

■ 14.4593, 25.9633,
11.1828

■ 66.9264, 51.6489,
75.1828

■ 13.7568, 25.6398,
9.4046

■ 68.3531, 52.2196,
82.6956

■ 13.2967, 25.4330,
8.0096

■ 69.8664, 52.8249,
90.6646

Harmonies

Analogous

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



30.0960, 33.1512, 30.6872



29.3233, 33.1512, 33.2871



29.1295, 33.1512, 36.8075

Triad

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



29.3233, 33.1512, 33.2871



31.7567, 33.1512, 43.5521



33.5432, 33.1512, 32.1405

Complementary

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



29.3233, 33.1512, 33.2871



30.1536, 29.4524, 34.6690

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.



34.0152, 33.1512, 35.3937



29.3233, 33.1512, 33.2871



32.9660, 33.1512, 42.1058

Square

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



29.3233, 33.1512, 33.2871



30.5125, 33.1512, 42.8940



33.8012, 33.1512, 39.0587



32.5274, 33.1512, 30.0571

Rectangle

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



29.3233, 33.1512, 33.2871



29.3499, 33.1512, 39.2397



33.8012, 33.1512, 39.0587



33.7719, 33.1512, 33.1249

Sweetspot

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



29.3242, 33.1526, 33.2878



58.4309, 62.7320, 66.8122



30.8659, 34.0013, 30.9231



12.6927, 13.6983, 14.5049



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



29.3242, 33.1526, 33.2878



51.5570, 59.3691, 58.3270



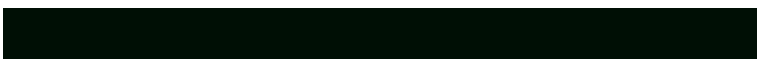
30.0239, 33.4325, 36.9723



6.6426, 7.4378, 7.5526



10.3767, 19.8186, 6.3409



0.2047, 0.3620, 0.2141

Inverse Universe

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



30.1536, 29.4524, 34.6690



53.4016, 51.1389, 61.3983



29.4740, 29.1806, 31.0905



6.8047, 6.7148, 7.8225



13.2427, 6.6016, 10.7947



0.2562, 0.1258, 0.2951

Previews

White Background



This preview shows how the XYZ color 29.3233, 33.1512, 33.2871 looks on a white background.

Color Contrast Check

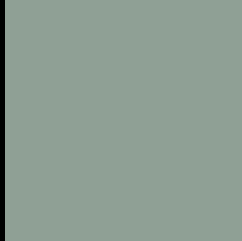
Large Text (above 18pt) WCAG AA × Fail

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 29.3233, 33.1512, 33.2871 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

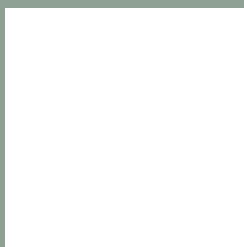
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.3233, 33.1512, 33.2871

Background



This preview shows how black text looks on a background with the XYZ color 29.3233, 33.1512, 33.2871.



This preview shows how white text looks on a background with the XYZ color 29.3233, 33.1512,

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

29.3233, 33.1512, 33.2871

Protanopia

31.6076, 33.0951, 31.9162

Deuteranopia

33.5055, 32.8177, 33.8467



Tritanopia

31.0725, 33.0895, 42.2853

Trichromacy



Original Color

29.3233, 33.1512, 33.2871

Protanomaly

30.6499, 33.0906, 32.3755

Deuteranomaly

31.7586, 32.8903, 33.5288

Tritanomaly

30.4255, 33.0821, 38.9643

Monochromacy



Original Color

29.3233, 33.1512, 33.2871

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.1336, 32.5280, 34.3961

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.3233, 33.1512, 33.2871 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(143, 160, 149)` looks like.

```
.text, #text, p{  
    color:rgb(143, 160, 149)  
}
```

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(143, 160, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 160, 149) }
```

Border

The CSS property to change the border of an element to XYZ 29.3233, 33.1512, 33.2871 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(143, 160, 149) }
```


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

```
.border{ border-color:rgb(143, 160, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 160, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 160, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 160, 149);  
box-shadow:4px 4px 4px 4px rgb(143, 160,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 29.3233, 33.1512, 33.2871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 160, 149) }
```

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

```
.background{ background-color: rgb(143,  
160, 149) }
```

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