

Converting Colors

XYZ(29.4874, 33.6783, 36.8447)

Have a look what the booklet for
XYZ(29.4874, 33.6783, 36.8447)
contains.

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Color

**XYZ(29.4874, 33.6783,
36.8447)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 8AA29D |
| RGB | 138, 162, 157 |
| RGB Percent | 54%, 64%, 62% |
| CMY | 0.4588, 0.3647, 0.3843 |
| CMYK | 0.15, 0.00, 0.03, 0.36 |
| HSL | 167°, 11%, 59% |
| HSV | 167°, 15%, 64% |
| XYZ | 29.4874, 33.6783, 36.8447 |
| YIQ | 154.2540, -12.6990, -6.6430 |

Conversions

Conversions Part 2

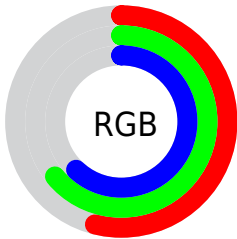
| Format | Color |
|-------------------------------------|--|
| RYB | 138, 151, 162 |
| Decimal | 9085597 |
| CIELab | 64.71, -9.39, -0.22 |
| CIELCh | 65, 9.393, 181.346 |
| Yxy | 33.6783, 0.2948, 0.3367 |
| Android (android.graphics.Color) | 4287275677 (0xFF8AA29D) |
| YUV | 154.2540, 1.3538, -14.2548 |
| Hunter-Lab | 58.0330, -10.8594, 2.9804 |

Details

The XYZ color **29.4874, 33.6783, 36.8447** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.9480, 27.8424, 29.8366**, and the grayscale version is **30.8258, 32.4311, 35.3175**.

A 20% lighter version of the original color is **58.4347, 65.5856, 71.8668**, and **12.2020, 14.2672, 15.7464** is the 20% darker color. If you saturate the color by 10%, you get **26.7204, 32.2856, 35.2317**, and if you desaturate by 10%, it is **32.6641, 35.2831, 38.5199**.

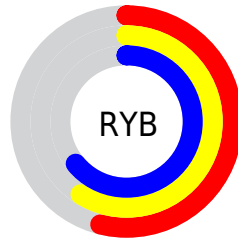
Distribution



Red (54%)

Green (64%)

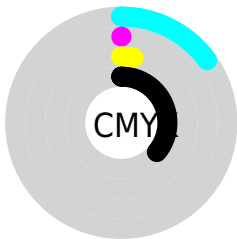
Blue (62%)



Red (54%)

Yellow (59%)

Blue (64%)

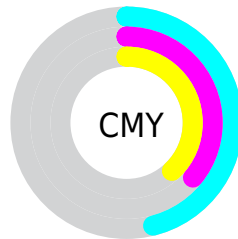


Cyan (15%)

Magenta (0%)

Yellow (3%)

Black (36%)



Cyan (46%)

Magenta (36%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.4874, 33.6783, 36.8447 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 29.4874, 33.6783, 36.8447 by changing the saturation by 10% instead.

■ 29.4874, 33.6783,
36.8447

■ 29.4874, 33.6783,
36.8447

291.4606,
318.6952, 347.7861

■ 19.5960, 22.6466,
24.7924

■ 58.2428, 65.4331,
71.5175

■ 12.2082, 14.3328,
15.7049

■ 77.8375, 86.9249,
94.9752

■ 6.9589, 8.3525,
9.1635

■ 101.3973,
112.6723, 123.0717

■ 3.4825, 4.3213,
4.7497

129.2876,
143.0595, 156.2256

■ 1.4138, 1.8549,
2.0450

161.8737,
178.4710, 194.8554

■ 0.2660, 0.5210,
0.5827

199.5210,

■ 0.0000, 0.0000,

219.2912, 239.3798

0.0000

242.5949,
265.9045, 290.2171

■ 29.4874, 33.6783,
36.8447

■ 29.4874, 33.6783,
36.8447

■ 26.7204, 32.2856,
35.2317

■ 32.6641, 35.2831,
38.5199

■ 24.3425, 31.0917,
33.6774

■ 36.2643, 37.1043,
40.2561

■ 22.3357, 30.0882,
32.1815

■ 40.3045, 39.1515,
42.0552

■ 20.6794, 29.2645,
30.7425

■ 44.7997, 41.4323,
43.9181

■ 19.3507, 28.6088,
29.3591

■ 49.7640, 43.9540,
45.8459

■ 18.3243, 28.1080,
28.0298

■ 55.2110, 46.7235,
47.8395

■ 17.5710, 27.7471,
26.7528

■ 61.1536, 49.7476,
49.8997

■ 17.0547, 27.5076,
25.5261

■ 62.8140, 50.5632,
51.8033

■ 16.8330, 27.4068,
24.9076

■ 63.1723, 50.7065,
53.6902

Harmonies

Analogous

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



29.7884, 33.6783, 33.2232



29.4874, 33.6783, 36.8447



29.8465, 33.6783, 40.6702

Triad

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



29.4874, 33.6783, 36.8447



33.3781, 33.6783, 43.3845



33.2697, 33.6783, 30.5319

Complementary

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



29.4874, 33.6783, 36.8447



28.9480, 27.8424, 29.8366

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.



34.2761, 33.6783, 32.9410



29.4874, 33.6783, 36.8447



34.3399, 33.6783, 40.3472

Square

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



29.4874, 33.6783, 36.8447



32.0712, 33.6783, 44.6059



34.6730, 33.6783, 36.4957



31.9493, 33.6783, 29.7359

Rectangle

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



29.4874, 33.6783, 36.8447



30.4178, 33.6783, 42.7801



34.6730, 33.6783, 36.4957



33.6572, 33.6783, 31.1712

Sweetspot

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



29.4884, 33.6797, 36.8455



59.7534, 64.2820, 70.1563



28.8712, 33.5346, 28.9965



13.3194, 14.3864, 15.7061



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.



29.4884, 33.6797, 36.8455



51.6765, 60.2053, 65.8417



28.7586, 31.5225, 38.7528



7.2126, 7.9858, 8.7312



13.2767, 21.5970, 19.7056



0.2940, 0.4598, 0.4934

Inverse Universe

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



28.9480, 27.8424, 29.8366



50.4916, 47.4012, 50.4699



29.5838, 29.7072, 28.2202



7.1314, 7.1090, 7.6782



11.9769, 6.1468, 1.8032



0.2670, 0.1353, 0.1189

Previews

White Background



This preview shows how the XYZ color 29.4874, 33.6783, 36.8447 looks on a white background.

Color Contrast Check

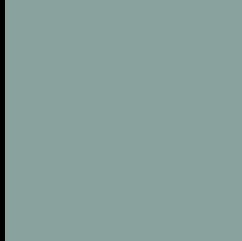
Large Text (above 18pt) WCAG AA × Fail

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 29.4874, 33.6783, 36.8447 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

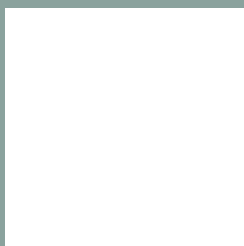
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.4874, 33.6783, 36.8447

Background



This preview shows how black text looks on a background with the XYZ color 29.4874, 33.6783, 36.8447.

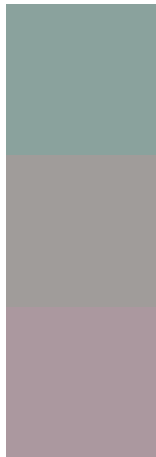


This preview shows how white text looks on a background with the XYZ color 29.4874, 33.6783,

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

29.4874, 33.6783, 36.8447

Protanopia

32.2184, 33.5836, 35.3560

Deuteranopia

34.2808, 33.6176, 37.4829



Tritanopia

31.0017, 33.7829, 43.9165

Trichromacy



Original Color

29.4874, 33.6783, 36.8447

Protanomaly

31.0921, 33.4957, 35.8369

Deuteranomaly

32.3581, 33.6165, 37.1309

Tritanomaly

30.5351, 33.8552, 41.4846

Monochromacy



Original Color

29.4874, 33.6783, 36.8447

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.1861, 32.7764, 35.7458

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4874, 33.6783, 36.8447 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(138, 162, 157)` looks like.

```
.text, #text, p{  
    color:rgb(138, 162, 157)  
}
```

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(138, 162, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 162, 157) }
```

Border

The CSS property to change the border of an element to XYZ 29.4874, 33.6783, 36.8447 is called "border". The border property can be set on classes, ids or directly on the HTML element.

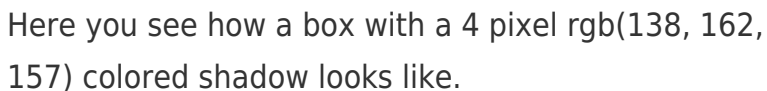
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(138, 162, 157) }
```


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

```
.border{ border-color:rgb(138, 162, 157) }
```

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



Here you see how a box with a 4 pixel `rgb(138, 162, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(138, 162, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(138, 162, 157); box-shadow:4px 4px 4px 4px rgb(138, 162, 157) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4874, 33.6783, 36.8447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 162, 157) }
```

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

```
.background{ background-color: rgb(138,  
162, 157) }
```

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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