

Converting Colors

XYZ(29.5030, 33.7241, 35.1799)

Have a look what the booklet for
XYZ(29.5030, 33.7241, 35.1799)
contains.

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Color

**XYZ(29.4853, 33.7160,
35.0908)**

Conversions

Conversions Part 1

Format	Color
Hex	8CA299
RGB	140, 162, 153
RGB Percent	55%, 64%, 60%
CMY	0.4510, 0.3647, 0.4000
CMYK	0.14, 0.00, 0.06, 0.36
HSL	155°, 11%, 59%
HSV	155°, 14%, 64%
XYZ	29.4853, 33.7160, 35.0908
YIQ	154.3960, -10.2230, -7.4630

Conversions

Conversions Part 2

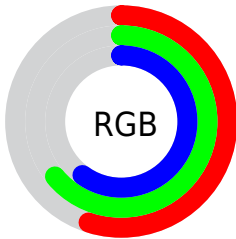
Format	Color
RYB	140, 154, 162
Decimal	9216665
CIELab	64.74, -9.53, 2.08
CIELCh	65, 9.752, 167.693
Yxy	33.7160, 0.3000, 0.3430
Android (android.graphics.Color)	4287406745 (0xFF8CA299)
YUV	154.3960, -0.6882, -12.6253
Hunter-Lab	58.0655, -10.9734, 4.8150

Details

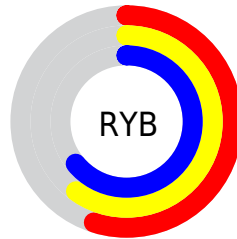
The XYZ color **29.4853, 33.7160, 35.0908** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.7044, 28.6083, 32.3916**, and the grayscale version is **30.8961, 32.5051, 35.3980**.

A 20% lighter version of the original color is **58.3235, 65.6000, 68.6196**, and **12.1907, 14.2848, 14.6851** is the 20% darker color. If you saturate the color by 10%, you get **26.4217, 32.1991, 32.1689**, and if you desaturate by 10%, it is **32.9831, 35.4551, 38.1932**.

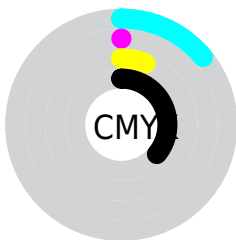
Distribution



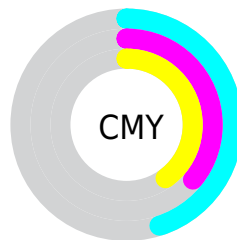
- Red (55%)
- Green (64%)
- Blue (60%)



- Red (55%)
- Yellow (60%)
- Blue (64%)



- Cyan (14%)
- Magenta (0%)
- Yellow (6%)
- Black (36%)



- Cyan (45%)
- Magenta (36%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.4853, 33.7160, 35.0908 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 29.4853, 33.7160, 35.0908 by changing the saturation by 10% instead.

■ 29.4853, 33.7160,
35.0908

■ 29.4853, 33.7160,
35.0908

291.4510,
318.8638, 339.8854

■ 19.5944, 22.6755,
23.4487

■ 58.2395, 65.4918,
68.7796

■ 12.2071, 14.3541,
14.7168

■ 77.8335, 86.9959,
91.6633

■ 6.9581, 8.3674,
8.4764

■ 101.3925,
112.7566, 119.1314

■ 3.4820, 4.3309,
4.3092

129.2819,
143.1584, 151.6023

■ 1.4135, 1.8603,
1.7964

161.8671,
178.5856, 189.4947

■ 0.2658, 0.5244,
0.4256

199.5135,

■ 0.0000, 0.0000,

219.4226, 233.2269

0.0000

242.5863,
266.0539, 283.2176

■ 29.4853, 33.7160,
35.0908

■ 29.4853, 33.7160,
35.0908

■ 26.4217, 32.1991,
32.1689

■ 32.9831, 35.4551,
38.1932

■ 23.7716, 30.8910,
29.4219

■ 36.9292, 37.4208,
41.4772

■ 21.5166, 29.7831,
26.8470

■ 41.3405, 39.6227,
44.9467

■ 19.6357, 28.8648,
24.4406

■ 46.2323, 42.0685,
48.6047

■ 18.1062, 28.1244,
22.1988

■ 51.6188, 44.7658,
52.4544

■ 16.9025, 27.5486,
20.1175

■ 57.5141, 47.7215,
56.4985

■ 15.9954, 27.1227,
18.1926

■ 63.9314, 50.9426,
60.7401

■ 15.3501, 26.8286,
16.4194

■ 65.3050, 51.5595,
64.9208

■ 15.0194, 26.6813,
15.3571

■ 66.1277, 51.8886,
69.2530

Harmonies

Analogous

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



30.0947, 33.7160, 31.7586



29.4853, 33.7160, 35.0908



29.5473, 33.7160, 39.1061

Triad

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



29.4853, 33.7160, 35.0908



32.8718, 33.7160, 44.5632



33.8939, 33.7160, 31.2955

Complementary

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



29.4853, 33.7160, 35.0908



29.7044, 28.6083, 32.3916

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.



34.6818, 33.7160, 34.4157



29.4853, 33.7160, 35.0908



34.0800, 33.7160, 42.1532

Square

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



29.4853, 33.7160, 35.0908



31.4752, 33.7160, 44.7770



34.7509, 33.7160, 38.3803



32.6237, 33.7160, 29.6769

Rectangle

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



29.4853, 33.7160, 35.0908



29.9611, 33.7160, 41.6335



34.7509, 33.7160, 38.3803



34.2255, 33.7160, 32.1927

Sweetspot

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



29.4862, 33.7174, 35.0915



59.5429, 64.1978, 69.0478



30.0799, 34.1409, 29.8159



13.2639, 14.3642, 15.4136



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.



29.4862, 33.7174, 35.0915



51.9365, 60.4196, 62.2267



29.9376, 33.3849, 39.0501



7.1529, 7.9620, 8.4168



11.8538, 21.0279, 12.2127



0.2717, 0.4509, 0.3757

Inverse Universe

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



29.7044, 28.6083, 32.3916



52.4032, 49.4907, 56.4519



29.2832, 28.8721, 28.8409



7.1883, 7.1318, 7.9780



12.5405, 6.3723, 4.7709



0.2867, 0.1432, 0.2222

Previews

White Background



This preview shows how the XYZ color 29.4853, 33.7160, 35.0908 looks on a white background.

Color Contrast Check

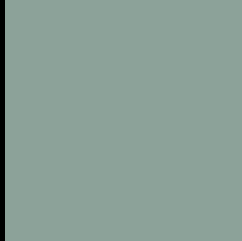
Large Text (above 18pt) WCAG AA × Fail

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 29.4853, 33.7160, 35.0908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

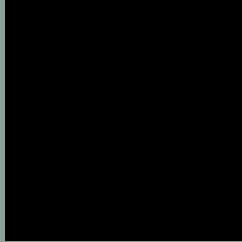
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 29.4853, 33.7160, 35.0908

Background



This preview shows how black text looks on a background with the XYZ color 29.4853, 33.7160, 35.0908.



This preview shows how white text looks on a background with the XYZ color 29.4853, 33.7160,

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

29.4853, 33.7160, 35.0908

Protanopia

32.0914, 33.5560, 33.6397

Deuteranopia

34.1579, 33.5937, 35.6943



Tritanopia

31.1722, 33.6145, 43.8750

Trichromacy



Original Color

29.4853, 33.7160, 35.0908

Protanomaly

30.9496, 33.4604, 34.1054

Deuteranomaly

32.2184, 33.5836, 35.3560

Tritanomaly

30.5177, 33.6090, 40.4760

Monochromacy



Original Color

29.4853, 33.7160, 35.0908

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.2841, 32.8366, 35.3138

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4853, 33.7160, 35.0908 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(140, 162, 153)` looks like.

```
.text, #text, p{  
    color:rgb(140, 162, 153)  
}
```

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(140, 162, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 162, 153) }
```

Border

The CSS property to change the border of an element to XYZ 29.4853, 33.7160, 35.0908 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(140, 162, 153) }
```


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

```
.border{ border-color:rgb(140, 162, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 162, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 162, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 162, 153);  
box-shadow:4px 4px 4px 4px rgb(140, 162,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4853, 33.7160, 35.0908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 162, 153) }
```

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

```
.background{ background-color: rgb(140,  
162, 153) }
```

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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