

Converting Colors

XYZ(29.8408, 34.7180, 33.2193)

Have a look what the booklet for
XYZ(29.8408, 34.7180, 33.2193)
contains.

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Color

**XYZ(29.7849, 34.7111,
33.1471)**

Conversions

Conversions Part 1

Format	Color
Hex	8DA594
RGB	141, 165, 148
RGB Percent	55%, 65%, 58%
CMY	0.4471, 0.3529, 0.4196
CMYK	0.15, 0.00, 0.10, 0.35
HSL	137°, 12%, 60%
HSV	137°, 15%, 65%
XYZ	29.7849, 34.7111, 33.1471
YIQ	155.8860, -8.8470, -10.3750

Conversions

Conversions Part 2

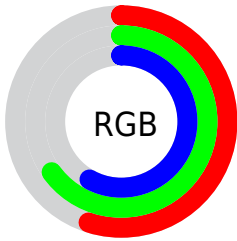
Format	Color
RYB	141, 160, 165
Decimal	9282964
CIELab	65.52, -11.78, 6.01
CIELCh	66, 13.223, 152.943
Yxy	34.7111, 0.3050, 0.3555
Android (android.graphics.Color)	4287473044 (0xFF8DA594)
YUV	155.8860, -3.8878, -13.0550
Hunter-Lab	58.9161, -12.8630, 7.8838

Details

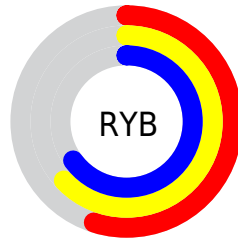
The XYZ color **29.7849, 34.7111, 33.1471** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.2147, 29.5185, 36.4016**, and the grayscale version is **31.5695, 33.2135, 36.1695**.

A 20% lighter version of the original color is **58.7595, 67.0528, 65.7226**, and **12.3772, 14.8975, 13.5324** is the 20% darker color. If you saturate the color by 10%, you get **26.3068, 33.0206, 28.3966**, and if you desaturate by 10%, it is **33.7764, 36.6574, 38.4108**.

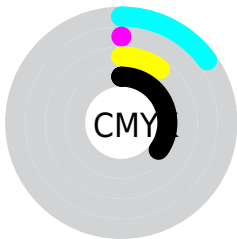
Distribution



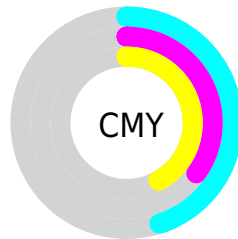
- Red (55%)
- Green (65%)
- Blue (58%)



- Red (55%)
- Yellow (63%)
- Blue (65%)



- Cyan (15%)
- Magenta (0%)
- Yellow (10%)
- Black (35%)



- Cyan (45%)
- Magenta (35%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.7849, 34.7111, 33.1471 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 29.7849, 34.7111, 33.1471 by changing the saturation by 10% instead.

■ 29.7849, 34.7111,
33.1471

■ 29.7849, 34.7111,
33.1471

292.8284,
323.2913, 330.9644

■ 19.8226, 23.4404,
21.9671

■ 58.7108, 67.0380,
65.7238

■ 12.3737, 14.9190,
13.6347

■ 78.4052, 88.8630,
87.9576

■ 7.0727, 8.7626,
7.7312

■ 102.0743,
114.9748, 114.7130

■ 3.5544, 4.5867,
3.8381

130.0835,
145.7580, 146.4087

■ 1.4532, 2.0068,
1.5370

162.7981,
181.5968, 183.4631

■ 0.2937, 0.6114,
0.2452

200.5836,

■ 0.0000, 0.0000,

222.8757, 226.2948

0.0000

243.8052,
269.9791, 275.3224

■ 29.7849, 34.7111,
33.1471

■ 29.7849, 34.7111,
33.1471

■ 26.3068, 33.0206,
28.3966

■ 33.7764, 36.6574,
38.4108

■ 23.3179, 31.5709,
24.1416

■ 38.2984, 38.8652,
44.2001

■ 20.7967, 30.3521,
20.3668

■ 43.3707, 41.3451,
50.5299

■ 18.7186, 29.3519,
17.0550

■ 49.0110, 44.1063,
57.4138

■ 17.0567, 28.5569,
14.1884

■ 55.2366, 47.1573,
64.8649

■ 15.7812, 27.9521,
11.7475

■ 62.0638, 50.5061,
72.8958

■ 14.8580, 27.5202,
9.7118

■ 68.9531, 53.8745,
81.4929

■ 14.2460, 27.2407,
8.0588

■ 70.6486, 54.5527,
90.4213

■ 13.9919, 27.1260,
7.3082

■ 72.4562, 55.2758,
99.9402

Harmonies

Analogous

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



31.0076, 34.7111, 29.5310



29.7849, 34.7111, 33.1471



29.4103, 34.7111, 38.3448

Triad

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



29.7849, 34.7111, 33.1471



33.1834, 34.7111, 49.4793



36.2173, 34.7111, 32.2856

Complementary

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



29.7849, 34.7111, 33.1471



31.2147, 29.5185, 36.4016

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.



36.8530, 34.7111, 37.2495



29.7849, 34.7111, 33.1471



35.0590, 34.7111, 47.4715

Square

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



29.7849, 34.7111, 33.1471



31.3265, 34.7111, 48.1118



36.4211, 34.7111, 42.8571



34.7152, 34.7111, 29.0688

Rectangle

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



29.7849, 34.7111, 33.1471



29.6795, 34.7111, 42.1069



36.4211, 34.7111, 42.8571



36.5420, 34.7111, 33.7871

Sweetspot

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



29.7859, 34.7126, 33.1479



60.8500, 65.8241, 69.2572



32.4041, 36.1244, 30.4645



13.1824, 14.3316, 14.9843



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.



29.7859, 34.7126, 33.1479



51.5292, 61.2825, 56.9198



30.7684, 35.1056, 38.3219



7.0666, 7.9274, 7.9624



10.6039, 20.5279, 5.6309



0.2424, 0.4392, 0.2215

Inverse Universe

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



31.2147, 29.5185, 36.4016



54.5165, 50.4214, 63.7218



30.2468, 29.1313, 31.3051



7.2759, 7.1668, 8.4391



14.1849, 7.0300, 13.4302



0.3170, 0.1553, 0.3821

Previews

White Background



This preview shows how the XYZ color 29.7849, 34.7111, 33.1471 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 29.7849, 34.7111, 33.1471 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

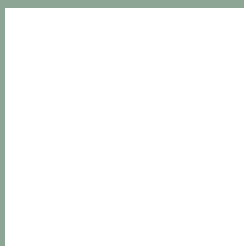
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.7849, 34.7111, 33.1471

Background



This preview shows how black text looks on a background with the XYZ color 29.7849, 34.7111, 33.1471.



This preview shows how white text looks on a background with the XYZ color 29.7849, 34.7111,

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

29.7849, 34.7111, 33.1471

Protanopia

32.7780, 34.4667, 31.3107

Deuteranopia

35.0277, 34.3316, 33.6347



Tritanopia

32.0619, 34.5655, 45.0264

Trichromacy



Original Color

29.7849, 34.7111, 33.1471

Protanomaly

31.5660, 34.6020, 31.8032

Deuteranomaly

32.7916, 34.1764, 33.3022

Tritanomaly

31.2135, 34.4866, 40.6088

Monochromacy



Original Color

29.7849, 34.7111, 33.1471

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

30.9104, 33.6755, 35.0079

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.7849, 34.7111, 33.1471 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(141, 165, 148)` looks like.

```
.text, #text, p{  
    color:rgb(141, 165, 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(141, 165, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 165, 148) }
```

Border

The CSS property to change the border of an element to XYZ 29.7849, 34.7111, 33.1471 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(141, 165, 148) }
```


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

```
.border{ border-color:rgb(141, 165, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 165, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 165, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 165, 148);  
box-shadow:4px 4px 4px 4px rgb(141, 165,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 29.7849, 34.7111, 33.1471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 165, 148) }
```

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

```
.background{ background-color: rgb(141,  
165, 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](#).

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