

Converting Colors

XYZ(29.0998, 34.4371, 29.5394)

Have a look what the booklet for
XYZ(29.0998, 34.4371, 29.5394)
contains.

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Color

**XYZ(29.0998, 34.4371,
29.5394)**

Conversions

Conversions Part 1

Format	Color
Hex	8DA58B
RGB	141, 165, 139
RGB Percent	55%, 65%, 55%
CMY	0.4471, 0.3529, 0.4549
CMYK	0.15, 0.00, 0.16, 0.35
HSL	115°, 13%, 60%
HSV	115°, 16%, 65%
XYZ	29.0998, 34.4371, 29.5394
YIQ	154.8600, -5.9580, -13.1740

Conversions

Conversions Part 2

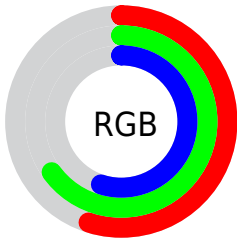
Format	Color
RYB	139, 165, 163
Decimal	9282955
CIELab	65.31, -13.47, 10.71
CIELCh	65, 17.214, 141.508
Yxy	34.4371, 0.3126, 0.3700
Android (android.graphics.Color)	4287473035 (0xFF8DA58B)
YUV	154.8600, -7.8190, -12.1552
Hunter-Lab	58.6831, -14.1809, 11.2333

Details

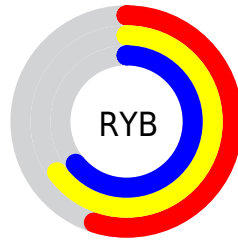
The XYZ color **29.0998, 34.4371, 29.5394** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **31.1300, 28.9694, 39.5501**, and the grayscale version is **31.1299, 32.7511, 35.6660**.

A 20% lighter version of the original color is **57.7245, 66.6388, 60.2722**, and **12.0227, 14.7557, 11.6657** is the 20% darker color. If you saturate the color by 10%, you get **25.5699, 32.7473, 23.5487**, and if you desaturate by 10%, it is **33.1698, 36.3863, 36.5068**.

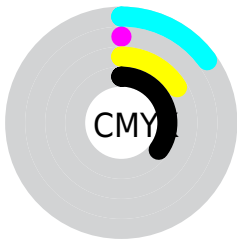
Distribution



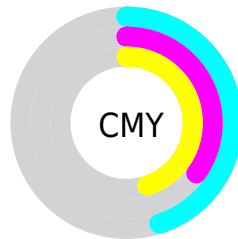
- Red (55%)
- Green (65%)
- Blue (55%)



- Red (55%)
- Yellow (65%)
- Blue (64%)



- Cyan (15%)
- Magenta (0%)
- Yellow (16%)
- Black (35%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.0998, 34.4371, 29.5394 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 29.0998, 34.4371, 29.5394 by changing the saturation by 10% instead.

■ 29.0998, 34.4371,
29.5394

■ 29.0998, 34.4371,
29.5394

289.6713,
322.0767, 313.8918

■ 19.3010, 23.2296,
19.2402

■ 57.6321, 66.6128,
59.9854

■ 11.9933, 14.7631,
11.6654

■ 77.0962, 88.3498,
80.9692

■ 6.8113, 8.6533,
6.3965

■ 100.5129,
114.3654, 106.3516

■ 3.3896, 4.5158,
3.0150

128.2475,
145.0441, 136.5512

■ 1.3630, 1.9660,
1.1023

160.6652,
180.7701, 171.9864

■ 0.2296, 0.5876,
0.0000

198.1315,

■ 0.0000, 0.0000,

221.9280, 213.0759

0.0000

241.0118,
268.9020, 260.2382

■ 29.0998, 34.4371,
29.5394

■ 29.0998, 34.4371,
29.5394

■ 25.5699, 32.7473,
23.5487

■ 33.1698, 36.3863,
36.5068

■ 22.5548, 31.3018,
18.4889

■ 37.7983, 38.6005,
44.4893

■ 20.0312, 30.0907,
14.3140

■ 43.0064, 41.0907,
53.5261

■ 17.9729, 29.1014,
10.9732

■ 48.8132, 43.8661,
63.6537

■ 16.3514, 28.3205,
8.4103

■ 55.2369, 46.9352,
74.9068

■ 15.1351, 27.7331,
6.5627

■ 62.2949, 50.3063,
87.3186

■ 14.2878, 27.3221,
5.3577

■ 70.0040, 53.9874,
100.9208

■ 13.7656, 27.0669,
4.6999

■ 72.7458, 55.3917,
101.4653

■ 13.6172, 26.9949,
4.4928

Harmonies

Analogous

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



30.9949, 34.4371, 26.0576



29.0998, 34.4371, 29.5394



28.1893, 34.4371, 35.4931

Triad

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



29.0998, 34.4371, 29.5394



32.0244, 34.4371, 52.8835



37.4267, 34.4371, 32.6566

Complementary

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



29.0998, 34.4371, 29.5394



31.1300, 28.9694, 39.5501

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.



37.7370, 34.4371, 39.5731



29.0998, 34.4371, 29.5394



34.5317, 34.4371, 51.8709

Square

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



29.0998, 34.4371, 29.5394



29.8204, 34.4371, 49.3795



36.6533, 34.4371, 46.7670



35.8260, 34.4371, 27.6909

Rectangle

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



29.0998, 34.4371, 29.5394



28.2292, 34.4371, 40.3198



36.6533, 34.4371, 46.7670



37.6885, 34.4371, 34.8075

Sweetspot

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



29.1007, 34.4386, 29.5402



59.9230, 65.4113, 66.2739



33.2464, 36.0004, 29.6231



12.9868, 14.2459, 14.2936



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.



29.1007, 34.4386, 29.5402



49.7362, 60.5349, 48.8533



29.5953, 34.5975, 33.9030



7.0337, 7.9199, 7.5381



10.3193, 20.4303, 3.3996



0.2311, 0.4366, 0.0721

Inverse Universe

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



31.1300, 28.9694, 39.5501



54.0875, 48.8047, 70.3219



30.5976, 28.8041, 34.5930



7.3104, 7.1744, 8.9026



14.9974, 7.1379, 27.5171



0.3299, 0.1576, 0.5789

Previews

White Background



This preview shows how the XYZ color 29.0998, 34.4371, 29.5394 looks on a white background.

Color Contrast Check

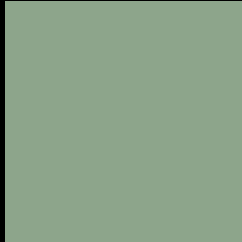
Large Text (above 18pt) WCAG AA × Fail

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 29.0998, 34.4371, 29.5394 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 29.0998, 34.4371, 29.5394

Background



This preview shows how black text looks on a background with the XYZ color 29.0998, 34.4371, 29.5394.



This preview shows how white text looks on a background with the XYZ color 29.0998, 34.4371,

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

29.0998, 34.4371, 29.5394

Protanopia

32.3259, 34.3100, 27.8404

Deuteranopia

35.0961, 34.4388, 30.3888



Tritanopia

32.1463, 34.3618, 44.4734

Trichromacy



Original Color

29.0998, 34.4371, 29.5394

Protanomaly

31.0934, 34.4354, 28.3005

Deuteranomaly

32.5906, 34.1440, 30.0720

Tritanomaly

31.0304, 34.4336, 38.7291

Monochromacy



Original Color

29.0998, 34.4371, 29.5394

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

30.4006, 33.4502, 33.2880

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0998, 34.4371, 29.5394 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, 139)` looks like.

```
.text, #text, p{  
    color:rgb(141, 165, 139)  
}
```

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, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 165, 139) }
```

Border

The CSS property to change the border of an element to XYZ 29.0998, 34.4371, 29.5394 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, 139) }
```


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

```
.border{ border-color:rgb(141, 165, 139) }
```

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, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 165, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 165, 139);  
box-shadow:4px 4px 4px 4px rgb(141, 165,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0998, 34.4371, 29.5394 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, 139) }
```

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

```
.background{ background-color: rgb(141,  
165, 139) }
```

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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