

Converting Colors

XYZ(29.1098, 34.7363, 28.5396)

Have a look what the booklet for
XYZ(29.1098, 34.7363, 28.5396)
contains.

XYZ(29.0647, 34.7127, 28.4609)	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(29.0647, 34.7127,
28.4609)**

Conversions

Conversions Part 1

Format	Color
Hex	8DA688
RGB	141, 166, 136
RGB Percent	55%, 65%, 53%
CMY	0.4471, 0.3490, 0.4667
CMYK	0.15, 0.00, 0.18, 0.35
HSL	110°, 14%, 59%
HSV	110°, 18%, 65%
XYZ	29.0647, 34.7127, 28.4609
YIQ	155.1050, -5.2700, -14.6300

Conversions

Conversions Part 2

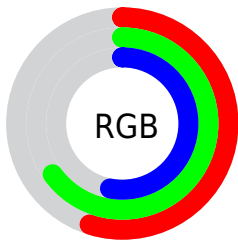
Format	Color
RYB	136, 166, 161
Decimal	9283208
CIELab	65.52, -14.54, 12.68
CIELCh	66, 19.294, 138.906
Yxy	34.7127, 0.3151, 0.3763
Android (android.graphics.Color)	4287473288 (0xFF8DA688)
YUV	155.1050, -9.4188, -12.3701
Hunter-Lab	58.9175, -15.0494, 12.6014

Details

The XYZ color **29.0647, 34.7127, 28.4609** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **30.3863, 27.9395, 39.8694**, and the grayscale version is **31.2450, 32.8722, 35.7978**.

A 20% lighter version of the original color is **57.5474, 66.9891, 58.0412**, and **11.9135, 14.8802, 11.0484** is the 20% darker color. If you saturate the color by 10%, you get **25.7681, 33.1402, 22.6179**, and if you desaturate by 10%, it is **32.8397, 36.5128, 35.2817**.

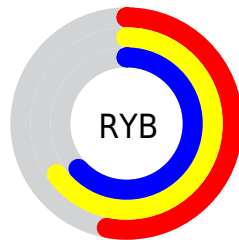
Distribution



Red (55%)

Green (65%)

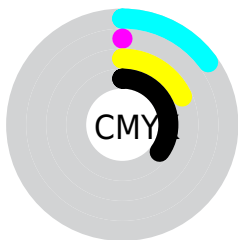
Blue (53%)



Red (53%)

Yellow (65%)

Blue (63%)

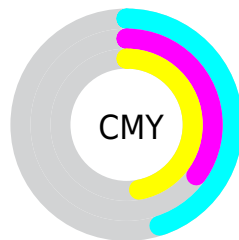


Cyan (15%)

Magenta (0%)

Yellow (18%)

Black (35%)



Cyan (45%)

Magenta (35%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.0647, 34.7127, 28.4609 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 29.0647, 34.7127, 28.4609 by changing the saturation by 10% instead.

■ 29.0647, 34.7127,
28.4609

■ 29.0647, 34.7127,
28.4609

289.5088,
323.2984, 308.6437

■ 19.2743, 23.4416,
18.4313

■ 57.5767, 67.0405,
58.2514

■ 11.9738, 14.9200,
11.0875

■ 77.0290, 88.8659,
78.8494

■ 6.7979, 8.7632,
6.0108

■ 100.4327,
114.9784, 103.8072

■ 3.3813, 4.5871,
2.7827

128.1531,
145.7621, 133.5435

■ 1.3584, 2.0071,
0.9848

160.5555,
181.6016, 168.4768

■ 0.2263, 0.6116,
0.0000

198.0054,

■ 0.0000, 0.0000,

222.8812, 209.0255

0.0000

240.8680,
269.9854, 255.6083

■ 29.0647, 34.7127,
28.4609

■ 29.0647, 34.7127,
28.4609

■ 25.7681, 33.1402,
22.6179

■ 32.8397, 36.5128,
35.2817

■ 22.9281, 31.7819,
17.7057

■ 37.1086, 38.5444,
43.1197

■ 20.5250, 30.6297,
13.6768

■ 41.8892, 40.8169,
52.0150

■ 18.5368, 29.6735,
10.4789

■ 47.1980, 43.3381,
62.0050

■ 16.9394, 28.9020,
8.0540

■ 53.0505, 46.1151,
73.1251

■ 15.7062, 28.3030,
6.3364

■ 59.4615, 49.1549,
85.4091

■ 14.8071, 27.8626,
5.2501

■ 66.4456, 52.4641,
98.8895

■ 14.1995, 27.5618,
4.6634

■ 71.7132, 55.1281,
101.4688

■ 14.1066, 27.5159,
4.5676

■ 72.9269, 55.7537,
101.5256

Harmonies

Analogous

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



31.2636, 34.7127, 24.9006



29.0647, 34.7127, 28.4609



27.9424, 34.7127, 34.8797

Triad

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



29.0647, 34.7127, 28.4609



31.9586, 34.7127, 55.2200



38.4067, 34.7127, 32.9739

Complementary

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



29.0647, 34.7127, 28.4609



30.3863, 27.9395, 39.8694

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.



38.6191, 34.7127, 40.8710



29.0647, 34.7127, 28.4609



34.7859, 34.7127, 54.5163

Square

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



29.0647, 34.7127, 28.4609



29.5485, 34.7127, 50.7817



37.2610, 34.7127, 48.9777



36.6961, 34.7127, 27.2377

Rectangle

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



29.0647, 34.7127, 28.4609



27.9101, 34.7127, 40.2575



37.2610, 34.7127, 48.9777



38.6592, 34.7127, 35.4374

Sweetspot

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



29.0656, 34.7142, 28.4617



61.8118, 67.3180, 68.0727



32.9161, 35.3759, 28.3864



13.7184, 15.0103, 15.0249



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



29.0656, 34.7142, 28.4617



50.0501, 61.7124, 46.8419



28.9789, 34.5835, 32.3429



7.5490, 8.4656, 8.0254



10.9665, 21.3507, 3.5431



0.2998, 0.5365, 0.0877

Inverse Universe

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



30.3863, 27.9395, 39.8694



52.9308, 46.9235, 71.7427



30.5320, 28.1165, 35.2716



7.7174, 7.6024, 9.4790



13.5419, 6.3645, 28.4902



0.3610, 0.1711, 0.6946

Previews

White Background



This preview shows how the XYZ color 29.0647, 34.7127, 28.4609 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 29.0647, 34.7127, 28.4609 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

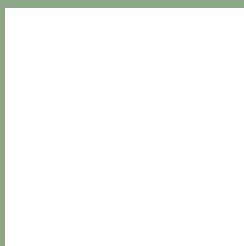
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.0647, 34.7127, 28.4609

Background



This preview shows how black text looks on a background with the XYZ color 29.0647, 34.7127, 28.4609.



This preview shows how white text looks on a background with the XYZ color 29.0647, 34.7127,

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

29.0647, 34.7127, 28.4609

Protanopia

32.5402, 34.4445, 26.7632

Deuteranopia

35.1075, 34.4703, 29.2292



Tritanopia

32.4175, 34.7488, 45.0430

Trichromacy



Original Color

29.0647, 34.7127, 28.4609

Protanomaly

31.0791, 34.4523, 27.2022

Deuteranomaly

32.5402, 34.3957, 28.9687

Tritanomaly

31.1194, 34.7522, 38.3254

Monochromacy



Original Color

29.0647, 34.7127, 28.4609

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

30.3211, 33.4184, 32.8693

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0647, 34.7127, 28.4609 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, 166, 136) looks like.

```
.text, #text, p{  
    color:rgb(141, 166, 136)  
}
```

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, 166, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 166, 136) }
```

Border

The CSS property to change the border of an element to XYZ 29.0647, 34.7127, 28.4609 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, 166, 136) }
```


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

```
.border{ border-color:rgb(141, 166, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 166, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(141, 166, 136); -webkit-box-shadow:4px 4px 4px 4px rgb(141, 166, 136); box-shadow:4px 4px 4px 4px rgb(141, 166, 136) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0647, 34.7127, 28.4609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 166, 136) }
```

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

```
.background{ background-color: rgb(141,  
166, 136) }
```

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