

Converting Colors

XYZ(28.1372, 34.7948, 27.7873)

Have a look what the booklet for
XYZ(28.1372, 34.7948, 27.7873)
contains.

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Color

**XYZ(28.1372, 34.7948,
27.7873)**

Conversions

Conversions Part 1

Format	Color
Hex	86A886
RGB	134, 168, 134
RGB Percent	53%, 66%, 53%
CMY	0.4745, 0.3412, 0.4745
CMYK	0.20, 0.00, 0.20, 0.34
HSL	120°, 16%, 59%
HSV	120°, 20%, 66%
XYZ	28.1372, 34.7948, 27.7873
YIQ	153.9580, -9.3500, -17.7820

Conversions

Conversions Part 2

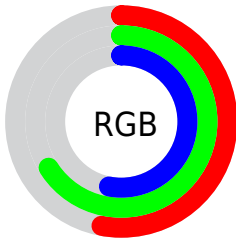
Format	Color
RYB	134, 168, 168
Decimal	8824966
CIELab	65.59, -18.44, 13.81
CIELCh	66, 23.038, 143.170
Yxy	34.7948, 0.3102, 0.3835
Android (android.graphics.Color)	4287015046 (0xFF86A886)
YUV	153.9580, -9.8393, -17.5032
Hunter-Lab	58.9871, -18.0819, 13.3610

Details

The XYZ color **28.1372, 34.7948, 27.7873** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **31.7426, 28.2029, 40.8180**, and the grayscale version is **30.7422, 32.3432, 35.2217**.

A 20% lighter version of the original color is **56.0964, 67.0546, 56.9999**, and **11.5018, 15.0157, 10.6796** is the 20% darker color. If you saturate the color by 10%, you get **24.5891, 33.0915, 21.9830**, and if you desaturate by 10%, it is **32.2987, 36.7948, 34.5935**.

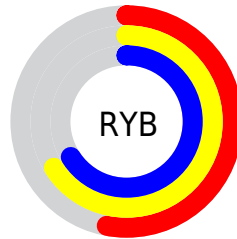
Distribution



Red (53%)

Green (66%)

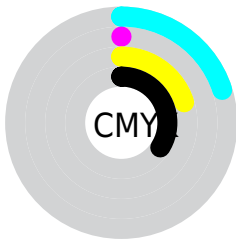
Blue (53%)



Red (53%)

Yellow (66%)

Blue (66%)

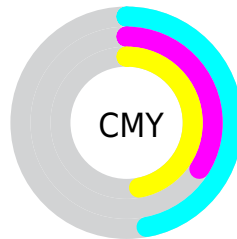


Cyan (20%)

Magenta (0%)

Yellow (20%)

Black (34%)



Cyan (47%)

Magenta (34%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.1372, 34.7948, 27.7873 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 28.1372, 34.7948, 27.7873 by changing the saturation by 10% instead.

■ 28.1372, 34.7948,
27.7873

■ 28.1372, 34.7948,
27.7873

285.1901,
323.6617, 305.3290

■ 18.5701, 23.5049,
17.9277

■ 56.1105, 67.1678,
57.1637

■ 11.4622, 14.9667,
10.7292

■ 75.2475, 89.0196,
77.5176

■ 6.4482, 8.7960,
5.7732

■ 98.3050, 115.1608,
102.2067

■ 3.1627, 4.6084,
2.6411

125.6486,
145.9758, 131.6495

■ 1.2404, 2.0194,
0.9136

157.6436,
181.8490, 166.2646

■ 0.1379, 0.6187,
0.0000

194.6552,

■ 0.0000, 0.0000,

223.1647, 206.4706

0.0000

237.0490,
270.3075, 252.6859

■ 28.1372, 34.7948,
27.7873

■ 28.1372, 34.7948,
27.7873

■ 24.5891, 33.0915,
21.9830

■ 32.2987, 36.7948,
34.5935

■ 21.6229, 31.6667,
17.1313

■ 37.0979, 39.1001,
42.4433

■ 19.2084, 30.5069,
13.1818

■ 42.5608, 41.7242,
51.3789

■ 17.3115, 29.5957,
10.0790

■ 48.7115, 44.6787,
61.4394

■ 15.8944, 28.9150,
7.7611

■ 55.5727, 47.9745,
72.6620

■ 14.9142, 28.4442,
6.1578

■ 63.1661, 51.6220,
85.0823

■ 14.3204, 28.1589,
5.1865

■ 71.5124, 55.6312,
98.7341

■ 14.0033, 28.0066,
4.6678

■ 73.2933, 56.4866,
101.6478

Harmonies

Analogous

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



30.5795, 34.7948, 23.2204



28.1372, 34.7948, 27.7873



27.0288, 34.7948, 35.7148

Triad

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



28.1372, 34.7948, 27.7873



32.3045, 34.7948, 59.5354



39.4136, 34.7948, 31.0236

Complementary

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



28.1372, 34.7948, 27.7873



31.7426, 28.2029, 40.8180

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.



39.9535, 34.7948, 40.1426



28.1372, 34.7948, 27.7873



35.6951, 34.7948, 57.7038

Square

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



28.1372, 34.7948, 27.7873



29.3264, 34.7948, 54.8227



38.5512, 34.7948, 50.1747



37.1224, 34.7948, 24.8545

Rectangle

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



28.1372, 34.7948, 27.7873



27.1381, 34.7948, 42.2868



38.5512, 34.7948, 50.1747



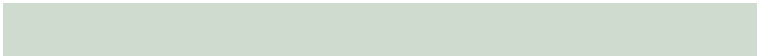
39.8121, 34.7948, 33.8009

Sweetspot

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



28.1381, 34.7963, 27.7881



62.0608, 68.4250, 68.4195



34.4557, 38.0531, 28.0836



13.4119, 14.8586, 14.7249



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.



28.1381, 34.7963, 27.7881



48.2206, 61.7769, 45.7815



29.4211, 35.3095, 34.5439



7.4368, 8.4078, 8.0202



10.5742, 21.1485, 3.5248



0.2573, 0.5145, 0.0858

Inverse Universe

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



31.7426, 28.2029, 40.8180



55.8874, 47.7528, 73.4962



30.2605, 27.6101, 33.0135



7.8419, 7.6666, 9.4848



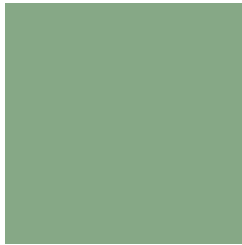
17.5319, 8.4215, 28.6761



0.4266, 0.2049, 0.6977

Previews

White Background



This preview shows how the XYZ color 28.1372, 34.7948, 27.7873 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 28.1372, 34.7948, 27.7873 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 28.1372, 34.7948, 27.7873

Background



This preview shows how black text looks on a background with the XYZ color 28.1372, 34.7948, 27.7873.



This preview shows how white text looks on a background with the XYZ color 28.1372, 34.7948,

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

28.1372, 34.7948, 27.7873

Protanopia

32.5090, 34.7061, 25.7544

Deuteranopia

35.1980, 34.5337, 28.4774



Tritanopia

31.6427, 34.5985, 45.5679

Trichromacy



Original Color

28.1372, 34.7948, 27.7873

Protanomaly

30.7274, 34.5473, 26.5215

Deuteranomaly

32.1878, 34.2306, 28.2032

Tritanomaly

30.1019, 34.4923, 38.3288

Monochromacy



Original Color

28.1372, 34.7948, 27.7873

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

29.6972, 33.1059, 32.4286

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1372, 34.7948, 27.7873 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(134, 168, 134)` looks like.

```
.text, #text, p{  
    color:rgb(134, 168, 134)  
}
```

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(134, 168, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 168, 134) }
```

Border

The CSS property to change the border of an element to XYZ 28.1372, 34.7948, 27.7873 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(134, 168, 134) }
```


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

```
.border{ border-color:rgb(134, 168, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 168, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(134, 168, 134); -webkit-box-shadow:4px 4px 4px 4px rgb(134, 168, 134); box-shadow:4px 4px 4px 4px rgb(134, 168, 134) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1372, 34.7948, 27.7873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 168, 134) }
```

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

```
.background{ background-color: rgb(134,  
168, 134) }
```

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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