

Converting Colors

XYZ(27.7290, 34.9739, 27.3454)

Have a look what the booklet for
XYZ(27.7290, 34.9739, 27.3454)
contains.

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Color

**XYZ(27.6275, 34.8152,
27.4542)**

Conversions

Conversions Part 1

Format	Color
Hex	82A985
RGB	130, 169, 133
RGB Percent	51%, 66%, 52%
CMY	0.4902, 0.3372, 0.4784
CMYK	0.23, 0.00, 0.21, 0.34
HSL	125°, 18%, 59%
HSV	125°, 23%, 66%
XYZ	27.6275, 34.8152, 27.4542
YIQ	153.2350, -11.6880, -19.4640

Conversions

Conversions Part 2

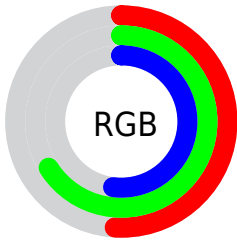
Format	Color
RYB	130, 166, 169
Decimal	8563077
CIELab	65.60, -20.53, 14.35
CIELCh	66, 25.048, 145.058
Yxy	34.8152, 0.3073, 0.3873
Android (android.graphics.Color)	4286753157 (0xFF82A985)
YUV	153.2350, -9.9759, -20.3771
Hunter-Lab	59.0044, -19.6791, 13.7160

Details

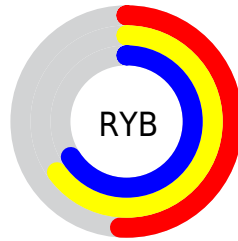
The XYZ color **27.6275, 34.8152, 27.4542** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **31.2289, 27.1542, 39.6731**, and the grayscale version is **30.4271, 32.0117, 34.8607**.

A 20% lighter version of the original color is **55.2857, 67.0468, 56.4818**, and **11.2309, 15.0526, 10.4971** is the 20% darker color. If you saturate the color by 10%, you get **24.2462, 33.1885, 22.0817**, and if you desaturate by 10%, it is **31.5966, 36.7284, 33.6913**.

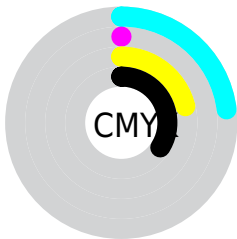
Distribution



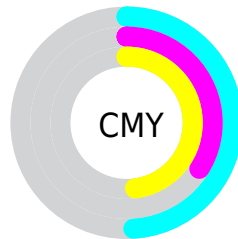
- Red (51%)
- Green (66%)
- Blue (52%)



- Red (51%)
- Yellow (65%)
- Blue (66%)



- Cyan (23%)
- Magenta (0%)
- Yellow (21%)
- Black (34%)



- Cyan (49%)
- Magenta (34%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.6275, 34.8152, 27.4542 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 27.6275, 34.8152, 27.4542 by changing the saturation by 10% instead.

■ 27.6275, 34.8152,
27.4542

■ 27.6275, 34.8152,
27.4542

282.7951,
323.7519, 303.6791

■ 18.1841, 23.5206,
17.6792

■ 55.3020, 67.1994,
56.6244

■ 11.1827, 14.9784,
10.5529

■ 74.2638, 89.0577,
76.8567

■ 6.2581, 8.8042,
5.6567

■ 97.1290, 115.2061,
101.4119

■ 3.0448, 4.6137,
2.5721

124.2631,
146.0288, 130.7084

■ 1.1775, 2.0224,
0.8780

156.0314,
181.9104, 165.1648

■ 0.0885, 0.6205,
0.0000

192.7993,

■ 0.0000, 0.0000,

223.2352, 205.1997

0.0000

234.9321,
270.3875, 251.2316

■ 27.6275, 34.8152,
27.4542

■ 27.6275, 34.8152,
27.4542

■ 24.2462, 33.1885,
22.0817

■ 31.5966, 36.7284,
33.6913

■ 21.4220, 31.8303,
17.5336

■ 36.1766, 38.9363,
40.8263

■ 19.1259, 30.7276,
13.7696


■ 41.3929, 41.4523,
48.8937


■ 17.3250, 29.8642,
10.7456


■ 47.2685, 44.2874,
57.9254


■ 15.9825, 29.2224,
8.4127


■ 53.8253, 47.4524,
67.9517


 15.0570, 28.7818,
6.7163

 61.0841, 50.9575,
79.0018

 14.4989, 28.5184,
5.5938

 69.0651, 54.8122,
91.1035

 14.2613, 28.4064,
5.1122

 73.4786, 56.8573,
101.7095

Harmonies

Analogous

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



30.1860, 34.8152, 22.3662



27.6275, 34.8152, 27.4542



26.5356, 34.8152, 36.1904

Triad

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



27.6275, 34.8152, 27.4542



32.4856, 34.8152, 61.8679



39.9168, 34.8152, 29.9631

Complementary

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



27.6275, 34.8152, 27.4542



31.2289, 27.1542, 39.6731

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.



40.6454, 34.8152, 39.6788



27.6275, 34.8152, 27.4542



36.1762, 34.8152, 59.3652

Square

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



27.6275, 34.8152, 27.4542



29.2048, 34.8152, 57.0441



39.2307, 34.8152, 50.7262



37.3071, 34.8152, 23.6156

Rectangle

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



27.6275, 34.8152, 27.4542



26.7229, 34.8152, 43.4148



39.2307, 34.8152, 50.7262



40.3976, 34.8152, 32.8874

Sweetspot

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



27.6284, 34.8167, 27.4550



61.3329, 68.0639, 67.7450



34.0286, 38.1397, 26.6876



13.2676, 14.7866, 14.6093



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.



27.6284, 34.8167, 27.4550



46.0668, 60.7090, 43.7622



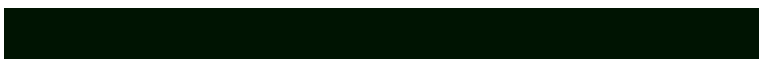
29.0706, 35.3935, 35.0492



7.4593, 8.4168, 8.1388



10.6368, 21.1735, 3.8545



0.2659, 0.5180, 0.1310

Inverse Universe

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



31.2289, 27.1542, 39.6731



53.7242, 44.4094, 69.7449



29.6045, 26.5044, 31.1190



7.8166, 7.6565, 9.3516



16.6757, 8.0790, 24.1677



0.4128, 0.1994, 0.6253

Previews

White Background



This preview shows how the XYZ color 27.6275, 34.8152, 27.4542 looks on a white background.

Color Contrast Check

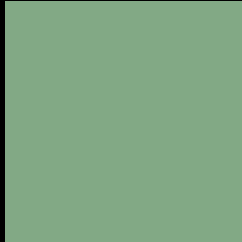
Large Text (above 18pt) WCAG AA × Fail

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 27.6275, 34.8152, 27.4542 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 27.6275, 34.8152, 27.4542

Background



This preview shows how black text looks on a background with the XYZ color 27.6275, 34.8152, 27.4542.



This preview shows how white text looks on a background with the XYZ color 27.6275, 34.8152,

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

27.6275, 34.8152, 27.4542

Protanopia

32.6566, 34.7898, 25.4160

Deuteranopia

35.1266, 34.5051, 28.1013



Tritanopia

31.4149, 34.7322, 46.1225

Trichromacy



Original Color

27.6275, 34.8152, 27.4542

Protanomaly

30.6440, 34.7747, 26.2162

Deuteranomaly

31.8756, 34.3321, 27.8684

Tritanomaly

29.7920, 34.5992, 38.3658

Monochromacy



Original Color

27.6275, 34.8152, 27.4542

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

29.2635, 32.8913, 32.0004

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6275, 34.8152, 27.4542 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(130, 169, 133)` looks like.

```
.text, #text, p{  
    color:rgb(130, 169, 133)  
}
```

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(130, 169, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 169, 133) }
```

Border

The CSS property to change the border of an element to XYZ 27.6275, 34.8152, 27.4542 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(130, 169, 133) }
```


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

```
.border{ border-color:rgb(130, 169, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 169, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 169, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 169, 133);  
box-shadow:4px 4px 4px 4px rgb(130, 169,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6275, 34.8152, 27.4542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 169, 133) }
```

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

```
.background{ background-color: rgb(130,  
169, 133) }
```

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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