

Converting Colors

XYZ(27.4321, 34.5220, 27.3923)

Have a look what the booklet for
XYZ(27.4321, 34.5220, 27.3923)
contains.

XYZ(27.4422, 34.4445, 27.3924)	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(27.4422, 34.4445,
27.3924)**

Conversions

Conversions Part 1

Format	Color
Hex	82A885
RGB	130, 168, 133
RGB Percent	51%, 66%, 52%
CMY	0.4902, 0.3412, 0.4784
CMYK	0.23, 0.00, 0.21, 0.34
HSL	125°, 18%, 58%
HSV	125°, 23%, 66%
XYZ	27.4422, 34.4445, 27.3924
YIQ	152.6480, -11.4130, -18.9410

Conversions

Conversions Part 2

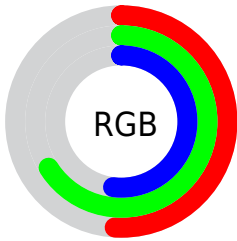
Format	Color
RYB	130, 165, 168
Decimal	8562821
CIELab	65.31, -20.02, 13.94
CIELCh	65, 24.397, 145.153
Yxy	34.4445, 0.3074, 0.3858
Android (android.graphics.Color)	4286752901 (0xFF82A885)
YUV	152.6480, -9.6865, -19.8623
Hunter-Lab	58.6894, -19.2429, 13.4099

Details

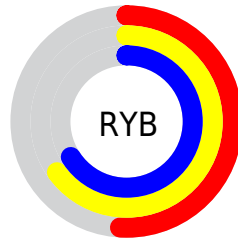
The XYZ color **27.4422, 34.4445, 27.3924** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **30.9238, 27.0075, 39.1820**, and the grayscale version is **30.1703, 31.7415, 34.5665**.

A 20% lighter version of the original color is **55.0178, 66.5109, 56.3925**, and **11.1150, 14.8208, 10.4585** is the 20% darker color. If you saturate the color by 10%, you get **24.0812, 32.8274, 22.0598**, and if you desaturate by 10%, it is **31.3834, 36.3445, 33.5758**.

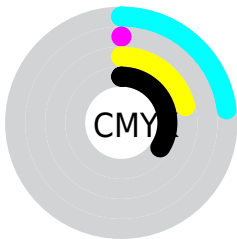
Distribution



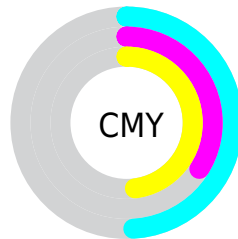
- Red (51%)
- Green (66%)
- Blue (52%)



- 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 27.4422, 34.4445, 27.3924 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 27.4422, 34.4445, 27.3924 by changing the saturation by 10% instead.

■ 27.4422, 34.4445,
27.3924

■ 27.4422, 34.4445,
27.3924

281.9205,
322.1095, 303.3721

■ 18.0439, 23.2353,
17.6331

■ 55.0075, 66.6243,
56.5243

■ 11.0814, 14.7673,
10.5202

■ 73.9053, 88.3637,
76.7339

■ 6.1893, 8.6563,
5.6351

■ 96.7003, 114.3819,
101.2641

■ 3.0023, 4.5177,
2.5593

123.7578,
145.0634, 130.5334

■ 1.1550, 1.9671,
0.8713

155.4432,
180.7925, 164.9603

■ 0.0704, 0.5883,
0.0000

192.1219,

■ 0.0000, 0.0000,

221.9536, 204.9634

0.0000

234.1592,
268.9312, 250.9611

■ 27.4422, 34.4445,
27.3924

■ 27.4422, 34.4445,
27.3924

■ 24.0812, 32.8274,
22.0598

■ 31.3834, 36.3445,
33.5758

■ 21.2703, 31.4755,
17.5386

■ 35.9274, 38.5353,
40.6425

■ 18.9810, 30.3759,
13.7898

■ 41.0990, 41.0300,
48.6261

■ 17.1811, 29.5130,
10.7701

■ 46.9210, 43.8397,
57.5579

■ 15.8348, 28.8693,
8.4321

■ 53.4149, 46.9748,
67.4674

■ 14.9013, 28.4249,
6.7227

■ 60.6011, 50.4453,
78.3832

■ 14.3326, 28.1564,
5.5812

■ 68.4992, 54.2606,
90.3324

■ 14.0776, 28.0363,
5.0593

■ 73.2933, 56.4865,
101.6478

Harmonies

Analogous

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



29.9177, 34.4445, 22.4265



27.4422, 34.4445, 27.3924



26.3879, 34.4445, 35.8742

Triad

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



27.4422, 34.4445, 27.3924



32.1643, 34.4445, 60.5921



39.3248, 34.4445, 29.7825

Complementary

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



27.4422, 34.4445, 27.3924



30.9238, 27.0075, 39.1820

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.



40.0340, 34.4445, 39.1829



27.4422, 34.4445, 27.3924



35.7311, 34.4445, 58.1652

Square

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



27.4422, 34.4445, 27.3924



28.9855, 34.4445, 55.9769



38.6758, 34.4445, 49.8408



36.8022, 34.4445, 23.6212

Rectangle

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



27.4422, 34.4445, 27.3924



26.5730, 34.4445, 42.8587



38.6758, 34.4445, 49.8408



39.7906, 34.4445, 32.6153

Sweetspot

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



27.4431, 34.4460, 27.3932



61.3366, 68.0654, 67.7647



33.6476, 37.6681, 26.6168



13.2684, 14.7870, 14.6138



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.



27.4431, 34.4460, 27.3932



46.6949, 61.0105, 44.7997



28.8389, 35.0043, 34.7434



7.4599, 8.4170, 8.1420



10.6386, 21.1742, 3.8639



0.2661, 0.5181, 0.1322

Inverse Universe

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



30.9238, 27.0075, 39.1820



54.1076, 45.1662, 69.9040



29.3568, 26.3807, 30.9305



7.8160, 7.6563, 9.3481



16.6545, 8.0705, 24.0559



0.4125, 0.1993, 0.6234

Previews

White Background



This preview shows how the XYZ color 27.4422, 34.4445, 27.3924 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 27.4422, 34.4445, 27.3924 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 27.4422, 34.4445, 27.3924

Background



This preview shows how black text looks on a background with the XYZ color 27.4422, 34.4445, 27.3924.



This preview shows how white text looks on a background with the XYZ color 27.4422, 34.4445,

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

27.4422, 34.4445, 27.3924

Protanopia

32.2716, 34.3371, 25.3489

Deuteranopia

34.7282, 34.0578, 28.0360



Tritanopia

30.9747, 34.2542, 45.5366

Trichromacy



Original Color

27.4422, 34.4445, 27.3924

Protanomaly

30.2760, 34.3224, 26.1483

Deuteranomaly

31.5003, 33.8844, 27.8018

Tritanomaly

29.4521, 34.1573, 38.2984

Monochromacy



Original Color

27.4422, 34.4445, 27.3924

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

29.0922, 32.5488, 31.9433

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4422, 34.4445, 27.3924 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, 168, 133)` looks like.

```
.text, #text, p{  
    color:rgb(130, 168, 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, 168, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 168, 133) }
```

Border

The CSS property to change the border of an element to XYZ 27.4422, 34.4445, 27.3924 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, 168, 133) }
```


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

```
.border{ border-color:rgb(130, 168, 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, 168, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 168, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 168, 133);  
box-shadow:4px 4px 4px 4px rgb(130, 168,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4422, 34.4445, 27.3924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 168, 133) }
```

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

```
.background{ background-color: rgb(130,  
168, 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](#).

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