

Converting Colors

XYZ(27.0278, 34.5962, 26.8464)

Have a look what the booklet for
XYZ(27.0278, 34.5962, 26.8464)
contains.

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Color

**XYZ(26.8889, 34.4502,
26.7051)**

Conversions

Conversions Part 1

Format	Color
Hex	7EA983
RGB	126, 169, 131
RGB Percent	49%, 66%, 51%
CMY	0.5059, 0.3372, 0.4863
CMYK	0.25, 0.00, 0.22, 0.34
HSL	127°, 20%, 58%
HSV	127°, 25%, 66%
XYZ	26.8889, 34.4502, 26.7051
YIQ	151.8110, -13.4300, -20.9340

Conversions

Conversions Part 2

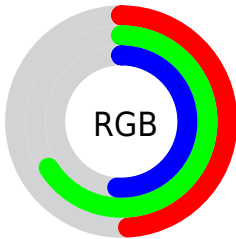
Format	Color
RYB	126, 165, 169
Decimal	8300931
CIELab	65.32, -22.28, 15.01
CIElCh	65, 26.864, 146.025
Yxy	34.4502, 0.3054, 0.3913
Android (android.graphics.Color)	4286491011 (0xFF7EA983)
YUV	151.8110, -10.2598, -22.6362
Hunter-Lab	58.6943, -20.9410, 14.1099

Details

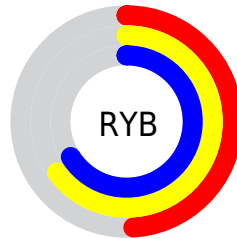
The XYZ color **26.8889, 34.4502, 26.7051** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **30.5251, 26.0379, 38.5404**, and the grayscale version is **29.8112, 31.3637, 34.1551**.

A 20% lighter version of the original color is **53.8978, 66.3557, 55.3146**, and **10.8270, 14.8532, 10.0809** is the 20% darker color. If you saturate the color by 10%, you get **23.6640, 32.8973, 21.6458**, and if you desaturate by 10%, it is **30.6827, 36.2814, 32.5542**.

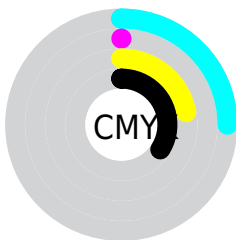
Distribution



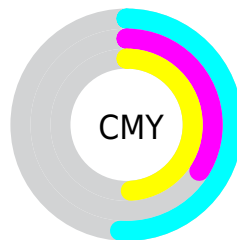
- Red (49%)
- Green (66%)
- Blue (51%)



- Red (49%)
- Yellow (65%)
- Blue (66%)



- Cyan (25%)
- Magenta (0%)
- Yellow (22%)
- Black (34%)



- Cyan (51%)
- Magenta (34%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8889, 34.4502, 26.7051 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 26.8889, 34.4502, 26.7051 by changing the saturation by 10% instead.

■ 26.8889, 34.4502,
26.7051

■ 26.8889, 34.4502,
26.7051

279.2962,
322.1348, 299.9413

■ 17.6260, 23.2397,
17.1214

■ 54.1267, 66.6332,
55.4083

■ 10.7798, 14.7706,
10.1582

■ 72.8322, 88.3744,
75.3648

■ 5.9852, 8.6585,
5.3970

■ 95.4160, 114.3946,
99.6160

■ 2.8766, 4.5191,
2.4192

122.2434,
145.0783, 128.5804

■ 1.0889, 1.9680,
0.7969

153.6798,
180.8097, 162.6767

■ 0.0158, 0.5888,
0.0000

190.0905,

■ 0.0000, 0.0000,

221.9734, 202.3232

0.0000

231.8408,
268.9536, 247.9385

■ 26.8889, 34.4502,
26.7051

■ 26.8889, 34.4502,
26.7051

■ 23.6640, 32.8973,
21.6458

■ 30.6827, 36.2814,
32.5542

■ 20.9777, 31.6050,
17.3404

■ 35.0680, 38.3991,
39.2225

■ 18.8014, 30.5602,
13.7533

■ 40.0697, 40.8164,
46.7407

■ 17.1026, 29.7471,
10.8456

■ 45.7105, 43.5443,
55.1373

■ 15.8449, 29.1477,
8.5742

■ 52.0118, 46.5934,
64.4394

■ 14.9868, 28.7417,
6.8915

■ 58.9941, 49.9736,
74.6729

■ 14.4766, 28.5035,
5.7429

■ 66.6770, 53.6946,
85.8628

■ 14.3118, 28.4265,
5.3782

■ 72.7598, 56.5697,
97.9243

■ 73.4786, 56.8572,
101.7095

Harmonies

Analogous

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



29.5504, 34.4502, 21.2795



26.8889, 34.4502, 26.7051



25.7929, 34.4502, 36.0353

Triad

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



26.8889, 34.4502, 26.7051



32.2247, 34.4502, 63.3937



39.9859, 34.4502, 28.8231

Complementary

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



26.8889, 34.4502, 26.7051



30.5251, 26.0379, 38.5404

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.



40.8434, 34.4502, 39.0252



26.8889, 34.4502, 26.7051



36.1595, 34.4502, 60.4134

Square

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



26.8889, 34.4502, 26.7051



28.7142, 34.4502, 58.3826



39.3925, 34.4502, 50.8962



37.1340, 34.4502, 22.3205

Rectangle

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



26.8889, 34.4502, 26.7051



26.0277, 34.4502, 43.7829



39.3925, 34.4502, 50.8962



40.5262, 34.4502, 31.8676

Sweetspot

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



26.8898, 34.4517, 26.7059



60.5756, 67.6921, 66.8717



33.4100, 37.8511, 25.2842



12.9478, 14.6307, 14.1880



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.



26.8898, 34.4517, 26.7059



44.5086, 59.9403, 42.1257



28.4443, 35.0735, 34.8917



7.4709, 8.4214, 8.2000



10.6770, 21.1895, 4.0657



0.2703, 0.5197, 0.1542

Inverse Universe

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



30.5251, 26.0379, 38.5404



52.2289, 42.0650, 67.2546



28.7972, 25.3467, 29.4416



7.8038, 7.6514, 9.2839



16.2712, 7.9172, 22.0377



0.4061, 0.1967, 0.5900

Previews

White Background



This preview shows how the XYZ color 26.8889, 34.4502, 26.7051 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 26.8889, 34.4502, 26.7051 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 26.8889, 34.4502, 26.7051

Background



This preview shows how black text looks on a background with the XYZ color 26.8889, 34.4502, 26.7051.



This preview shows how white text looks on a background with the XYZ color 26.8889, 34.4502,

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

26.8889, 34.4502, 26.7051

Protanopia

32.1412, 34.2849, 24.6623

Deuteranopia

34.8928, 34.1508, 27.6744



Tritanopia

30.7652, 34.3973, 46.0921

Trichromacy



Original Color

26.8889, 34.4502, 26.7051

Protanomaly

29.9535, 34.1715, 25.4391

Deuteranomaly

31.4302, 33.8563, 27.4326

Tritanomaly

29.1604, 34.2736, 38.3363

Monochromacy



Original Color

26.8889, 34.4502, 26.7051

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

28.5886, 32.3070, 31.1146

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8889, 34.4502, 26.7051 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(126, 169, 131)` looks like.

```
.text, #text, p{  
    color:rgb(126, 169, 131)  
}
```

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(126, 169, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 169, 131) }
```

Border

The CSS property to change the border of an element to XYZ 26.8889, 34.4502, 26.7051 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(126, 169, 131) }
```


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

```
.border{ border-color:rgb(126, 169, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 169, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 169, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 169, 131);  
box-shadow:4px 4px 4px 4px rgb(126, 169,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8889, 34.4502, 26.7051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 169, 131) }
```

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

```
.background{ background-color: rgb(126,  
169, 131) }
```

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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