

Converting Colors

XYZ(26.8794, 33.6451, 22.6375)

Have a look what the booklet for
XYZ(26.8794, 33.6451, 22.6375)
contains.

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Color

**XYZ(26.9577, 33.7552,
22.5474)**

Conversions

Conversions Part 1

Format	Color
Hex	87A677
RGB	135, 166, 119
RGB Percent	53%, 65%, 47%
CMY	0.4706, 0.3490, 0.5333
CMYK	0.19, 0.00, 0.28, 0.35
HSL	100°, 21%, 56%
HSV	100°, 28%, 65%
XYZ	26.9577, 33.7552, 22.5474
YIQ	151.3730, -3.3890, -21.1890

Conversions

Conversions Part 2

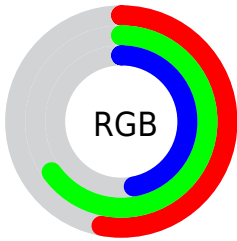
Format	Color
RYB	119, 166, 150
Decimal	8889975
CIELab	64.77, -19.62, 20.93
CIELCh	65, 28.692, 133.157
Yxy	33.7552, 0.3238, 0.4054
Android (android.graphics.Color)	4287080055 (0xFF87A677)
YUV	151.3730, -15.9599, -14.3591
Hunter-Lab	58.0992, -18.8507, 17.6599

Details

The XYZ color **26.9577, 33.7552, 22.5474** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **26.0588, 22.4318, 39.0344**, and the grayscale version is **29.6434, 31.1871, 33.9628**.

A 20% lighter version of the original color is **54.1934, 65.4720, 48.3091**, and **10.7790, 14.3616, 7.9983** is the 20% darker color. If you saturate the color by 10%, you get **24.3747, 32.5299, 17.6692**, and if you desaturate by 10%, it is **29.8979, 35.1465, 28.3527**.

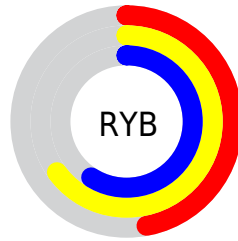
Distribution



Red (53%)

Green (65%)

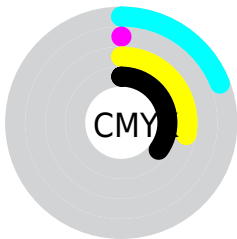
Blue (47%)



Red (47%)

Yellow (65%)

Blue (59%)

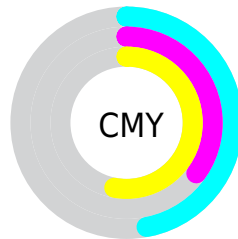


Cyan (19%)

Magenta (0%)

Yellow (28%)

Black (35%)



Cyan (47%)

Magenta (35%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9577, 33.7552, 22.5474 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 26.9577, 33.7552, 22.5474 by changing the saturation by 10% instead.

■ 26.9577, 33.7552,
22.5474

■ 26.9577, 33.7552,
22.5474

279.6235,
319.0391, 278.4379

■ 17.6779, 22.7056,
14.0575

■ 54.2363, 65.5528,
48.5628

■ 10.8173, 14.3763,
8.0215

■ 72.9659, 87.0696,
66.9254

■ 6.0105, 8.3828,
4.0207

■ 95.5760, 112.8442,
89.4160

■ 2.8922, 4.3409,
1.6367

122.4322,
143.2611, 116.4532

■ 1.0970, 1.8660,
0.3168

153.8996,
178.7047, 148.4554

■ 0.0226, 0.5278,
0.0000

190.3438,

■ 0.0000, 0.0000,

219.5593, 185.8412

0.0000

232.1300,
266.2093, 229.0292

■ 26.9577, 33.7552,
22.5474

■ 26.9577, 33.7552,
22.5474

■ 24.3747, 32.5299,
17.6692

■ 29.8979, 35.1465,
28.3527

■ 22.1317, 31.4599,
13.6680

■ 33.2061, 36.7054,
35.1275

■ 20.2140, 30.5396,
10.4923

■ 36.8963, 38.4393,
42.9140

■ 18.6047, 29.7615,
8.0841

■ 40.9806, 40.3534,
51.7515

■ 17.2849, 29.1176,
6.3783

■ 45.4706, 42.4531,
61.6770

■ 16.2336, 28.5984,
5.2986

■ 50.3775, 44.7432,
72.7259

■ 15.4177, 28.1900,
4.7090

■ 55.7120, 47.2286,
84.9318

■ 15.2962, 28.1292,
4.6233

■ 61.4844, 49.9139,
98.3270

■ 65.4703, 51.9097,
101.1767

Harmonies

Analogous

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



30.3114, 33.7552, 18.7736



26.9577, 33.7552, 22.5474



25.0743, 33.7552, 30.5562

Triad

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



26.9577, 33.7552, 22.5474



29.8393, 33.7552, 63.0664



40.4439, 33.7552, 31.8215

Complementary

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



26.9577, 33.7552, 22.5474



26.0588, 22.4318, 39.0344

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.



40.2900, 33.7552, 43.7371



26.9577, 33.7552, 22.5474



33.9229, 33.7552, 63.6101

Square

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



26.9577, 33.7552, 22.5474



26.6376, 33.7552, 54.5852



37.8206, 33.7552, 55.9416



38.2247, 33.7552, 23.3018

Rectangle

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



26.9577, 33.7552, 22.5474



24.7968, 33.7552, 38.0189



37.8206, 33.7552, 55.9416



40.6733, 33.7552, 35.5169

Sweetspot

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



26.9586, 33.7567, 22.5481



60.3681, 66.6631, 63.9683



29.8916, 31.1096, 21.8826



13.3023, 14.8206, 13.8851



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.



26.9586, 33.7567, 22.5481



45.8889, 59.8220, 35.1367



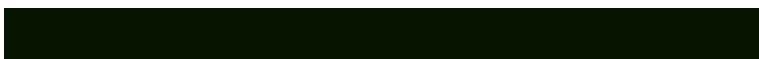
25.0141, 32.7035, 24.7503



7.6685, 8.5272, 8.0310



11.9067, 21.8354, 3.5871



0.3442, 0.5594, 0.0898

Inverse Universe

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



26.0588, 22.4318, 39.0344



43.9760, 35.8209, 70.0716



28.5776, 23.8030, 35.8679



7.5902, 7.5369, 9.4731



10.3265, 4.7070, 28.3398



0.3026, 0.1410, 0.6919

Previews

White Background



This preview shows how the XYZ color 26.9577, 33.7552, 22.5474 looks on a white background.

Color Contrast Check

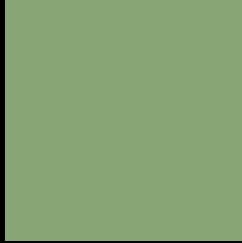
Large Text (above 18pt) WCAG AA × Fail

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 26.9577, 33.7552, 22.5474 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 26.9577, 33.7552, 22.5474

Background



This preview shows how black text looks on a background with the XYZ color 26.9577, 33.7552, 22.5474.



This preview shows how white text looks on a background with the XYZ color 26.9577, 33.7552,

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

26.9577, 33.7552, 22.5474

Protanopia

31.2999, 33.6766, 21.0702

Deuteranopia

33.9476, 33.2851, 23.0478



Tritanopia

31.1722, 33.6145, 43.8750

Trichromacy



Original Color

26.9577, 33.7552, 22.5474

Protanomaly

29.4335, 33.4705, 21.4321

Deuteranomaly

31.0655, 33.2644, 22.8725

Tritanomaly

29.4853, 33.7160, 35.0908

Monochromacy



Original Color

26.9577, 33.7552, 22.5474

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

28.2257, 31.6608, 29.0496

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9577, 33.7552, 22.5474 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(135, 166, 119)` looks like.

```
.text, #text, p{  
    color:rgb(135, 166, 119)  
}
```

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(135, 166, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 166, 119) }
```

Border

The CSS property to change the border of an element to XYZ 26.9577, 33.7552, 22.5474 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(135, 166, 119) }
```


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

```
.border{ border-color:rgb(135, 166, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 166, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 166, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 166, 119);  
box-shadow:4px 4px 4px 4px rgb(135, 166,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9577, 33.7552, 22.5474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 166, 119) }
```

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

```
.background{ background-color: rgb(135,  
166, 119) }
```

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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