

Converting Colors

XYZ(26.6434, 33.4824, 21.5283)

Have a look what the booklet for
XYZ(26.6434, 33.4824, 21.5283)
contains.

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Color

**XYZ(26.7803, 33.6843,
21.6132)**

Conversions

Conversions Part 1

Format	Color
Hex	87A674
RGB	135, 166, 116
RGB Percent	53%, 65%, 45%
CMY	0.4706, 0.3490, 0.5451
CMYK	0.19, 0.00, 0.30, 0.35
HSL	97°, 22%, 55%
HSV	97°, 30%, 65%
XYZ	26.7803, 33.6843, 21.6132
YIQ	151.0310, -2.4260, -22.1220

Conversions

Conversions Part 2

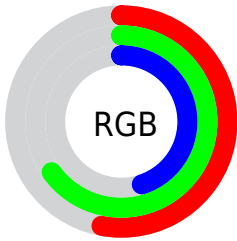
Format	Color
R_{YB}	116, 166, 147
Decimal	8889972
CIE _{Lab}	64.71, -20.10, 22.49
CIE _{LCh}	65, 30.165, 131.793
Yxy	33.6843, 0.3263, 0.4104
Android (android.graphics.Color)	4287080052 (0xFF87A674)
YUV	151.0310, -17.2703, -14.0592
Hunter-Lab	58.0382, -19.2023, 18.5473

Details

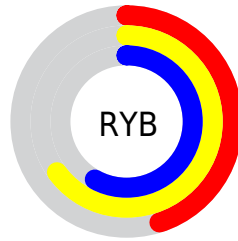
The XYZ color **26.7803, 33.6843, 21.6132** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **25.1623, 21.4479, 38.8919**, and the grayscale version is **29.5018, 31.0382, 33.8006**.

A 20% lighter version of the original color is **53.9106, 65.3589, 46.8199**, and **10.6866, 14.3247, 7.5119** is the 20% darker color. If you saturate the color by 10%, you get **24.3231, 32.5204, 16.9003**, and if you desaturate by 10%, it is **29.5719, 35.0027, 27.2440**.

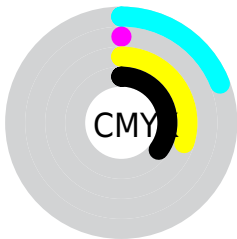
Distribution



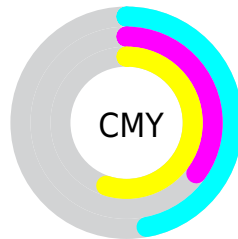
- Red (53%)
- Green (65%)
- Blue (45%)



- Red (45%)
- Yellow (65%)
- Blue (58%)



- Cyan (19%)
- Magenta (0%)
- Yellow (30%)
- Black (35%)



- Cyan (47%)
- Magenta (35%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7803, 33.6843, 21.6132 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 26.7803, 33.6843, 21.6132 by changing the saturation by 10% instead.

■ 26.7803, 33.6843,
21.6132

■ 26.7803, 33.6843,
21.6132

278.7788,
318.7221, 273.4069

■ 17.5440, 22.6512,
13.3774

■ 53.9535, 65.4424,
46.9998

■ 10.7208, 14.3362,
7.5551

■ 72.6211, 86.9362,
64.9877

■ 5.9453, 8.3548,
3.7280

■ 95.1633, 112.6857,
87.0633

■ 2.8522, 4.3228,
1.4773

121.9452,
143.0752, 113.6453

■ 1.0761, 1.8557,
0.2010

153.3324,
178.4893, 145.1521

■ 0.0050, 0.5216,
0.0000

189.6902,

■ 0.0000, 0.0000,

219.3121, 182.0022

0.0000

231.3838,
265.9283, 224.6143

■ 26.7803, 33.6843,
21.6132

■ 26.7803, 33.6843,
21.6132

■ 24.3231, 32.5204,
16.9003

■ 29.5719, 35.0027,
27.2440

■ 22.1841, 31.5006,
13.0543

■ 32.7083, 36.4769,
33.8353

■ 20.3493, 30.6199,
10.0230


■ 36.2023, 38.1137,
41.4301


■ 18.8027, 29.8713,
7.7473


■ 40.0655, 39.9180,
50.0679


■ 17.5262, 29.2471,
6.1603


■ 44.3089, 41.8949,
59.7861


 16.4996, 28.7384,
5.1835

 48.9429, 44.0488,
70.6202

 15.6917, 28.3331,
4.6418

 53.9776, 46.3842,
82.6042

 59.4226, 48.9055,
95.7705

 63.5664, 50.9283,
101.0876

Harmonies

Analogous

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



30.3439, 33.6843, 17.9327



26.7803, 33.6843, 21.6132



24.7385, 33.6843, 29.7175

Triad

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



26.7803, 33.6843, 21.6132



29.4836, 33.6843, 64.3190



40.8797, 33.6843, 32.0147

Complementary

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



26.7803, 33.6843, 21.6132



25.1623, 21.4479, 38.8919

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.



40.5965, 33.6843, 44.6450



26.7803, 33.6843, 21.6132



33.7483, 33.6843, 65.3287

Square

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



26.7803, 33.6843, 21.6132



26.1996, 33.6843, 54.9786



37.8930, 33.6843, 57.4875



38.6350, 33.6843, 22.9669

Rectangle

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



26.7803, 33.6843, 21.6132



24.3925, 33.6843, 37.4277



37.8930, 33.6843, 57.4875



41.0822, 33.6843, 35.9353

Sweetspot

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



26.7812, 33.6858, 21.6139



59.9360, 66.4693, 62.6400



29.2874, 30.1849, 20.8061



13.2224, 14.7854, 13.6106



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.



26.7812, 33.6858, 21.6139



45.6153, 59.7182, 33.4416



24.3422, 32.3880, 23.3274



7.6961, 8.5415, 8.0323



12.2162, 21.9949, 3.6016



0.3543, 0.5646, 0.0903

Inverse Universe

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



25.1623, 21.4479, 38.8919



42.2023, 33.9586, 69.8056



28.3323, 23.1426, 36.3095



7.5616, 7.5221, 9.4717



9.7214, 4.3950, 28.3114



0.2907, 0.1349, 0.6914

Previews

White Background



This preview shows how the XYZ color 26.7803, 33.6843, 21.6132 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 26.7803, 33.6843, 21.6132 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 26.7803, 33.6843, 21.6132

Background



This preview shows how black text looks on a background with the XYZ color 26.7803, 33.6843, 21.6132.



This preview shows how white text looks on a background with the XYZ color 26.7803, 33.6843,

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

26.7803, 33.6843, 21.6132

Protanopia

31.1753, 33.3818, 20.1295

Deuteranopia

34.0033, 33.3349, 22.0949



Tritanopia

31.3461, 33.7041, 43.8832

Trichromacy



Original Color

26.7803, 33.6843, 21.6132

Protanomaly

29.4561, 33.5020, 20.5368

Deuteranomaly

30.8844, 33.1919, 21.9184

Tritanomaly

29.5723, 33.7704, 34.6655

Monochromacy



Original Color

26.7803, 33.6843, 21.6132

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

28.1530, 31.6317, 28.6665

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7803, 33.6843, 21.6132 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, 116)` looks like.

```
.text, #text, p{  
    color:rgb(135, 166, 116)  
}
```

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, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 166, 116) }
```

Border

The CSS property to change the border of an element to XYZ 26.7803, 33.6843, 21.6132 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, 116) }
```


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

```
.border{ border-color:rgb(135, 166, 116) }
```

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, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 166, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 166, 116); box-shadow:4px 4px 4px 4px rgb(135, 166, 116) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7803, 33.6843, 21.6132 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, 116) }
```

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

```
.background{ background-color: rgb(135,  
166, 116) }
```

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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