

Converting Colors

XYZ(27.6767, 33.8226, 27.6777)

Have a look what the booklet for
XYZ(27.6767, 33.8226, 27.6777)
contains.

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Color

**XYZ(27.5897, 33.6998,
27.6048)**

Conversions

Conversions Part 1

Format	Color
Hex	86A586
RGB	134, 165, 134
RGB Percent	53%, 65%, 53%
CMY	0.4745, 0.3529, 0.4745
CMYK	0.19, 0.00, 0.19, 0.35
HSL	120°, 15%, 59%
HSV	120°, 19%, 65%
XYZ	27.5897, 33.6998, 27.6048
YIQ	152.1970, -8.5250, -16.2130

Conversions

Conversions Part 2

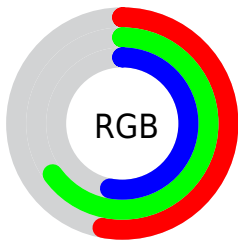
Format	Color
RYB	134, 165, 165
Decimal	8824198
CIELab	64.72, -16.89, 12.60
CIELCh	65, 21.068, 143.279
Yxy	33.6998, 0.3104, 0.3791
Android (android.graphics.Color)	4287014278 (0xFF86A586)
YUV	152.1970, -8.9711, -15.9588
Hunter-Lab	58.0515, -16.7559, 12.4423

Details

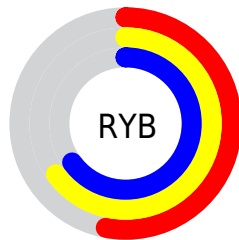
The XYZ color **27.5897, 33.6998, 27.6048** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **30.8348, 27.7669, 39.3332**, and the grayscale version is **29.9710, 31.5318, 34.3381**.

A 20% lighter version of the original color is **55.3019, 65.4656, 56.7351**, and **11.1615, 14.3352, 10.5662** is the 20% darker color. If you saturate the color by 10%, you get **24.0998, 32.0244, 21.8957**, and if you desaturate by 10%, it is **31.6714, 35.6614, 34.2804**.

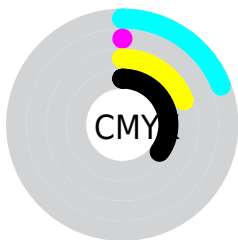
Distribution



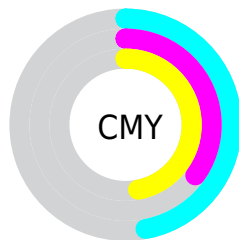
- Red (53%)
- Green (65%)
- Blue (53%)



- Red (53%)
- Yellow (65%)
- Blue (65%)



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5897, 33.6998, 27.6048 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 27.5897, 33.6998, 27.6048 by changing the saturation by 10% instead.

■ 27.5897, 33.6998,
27.6048

■ 27.5897, 33.6998,
27.6048

282.6169,
318.7914, 304.4260

■ 18.1555, 22.6631,
17.7915

■ 55.2419, 65.4666,
56.8683

■ 11.1620, 14.3449,
10.6325

■ 74.1907, 86.9654,
77.1557

■ 6.2440, 8.3610,
5.7093

■ 97.0416, 112.7204,
101.7715

■ 3.0361, 4.3268,
2.6032

124.1601,
143.1159, 131.1343

■ 1.1729, 1.8580,
0.8941

155.9115,
178.5364, 165.6626

■ 0.0848, 0.5229,
0.0000

192.6612,

■ 0.0000, 0.0000,

219.3662, 205.7749

0.0000

234.7746,
265.9897, 251.8899

■ 27.5897, 33.6998,
27.6048

■ 27.5897, 33.6998,
27.6048

■ 24.0998, 32.0244,
21.8957

■ 31.6714, 35.6614,
34.2804

■ 21.1716, 30.6179,
17.1062

■ 36.3677, 37.9173,
41.9620

■ 18.7768, 29.4675,
13.1889

■ 41.7034, 40.4803,
50.6895

■ 16.8830, 28.5579,
10.0914

■ 47.7014, 43.3615,
60.5002

■ 15.4549, 27.8719,
7.7554

■ 54.3831, 46.5710,
71.4293

■ 14.4523, 27.3902,
6.1153

■ 61.7693, 50.1190,
83.5107

■ 13.8280, 27.0903,
5.0941

■ 69.8797, 54.0149,
96.7766

■ 13.4917, 26.9288,
4.5441

■ 72.7458, 55.3916,
101.4653

■ 13.4558, 26.9116,
4.4853

Harmonies

Analogous

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



29.7858, 33.6998, 23.4166



27.5897, 33.6998, 27.6048



26.5929, 33.6998, 34.7776

Triad

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



27.5897, 33.6998, 27.6048



31.3545, 33.6998, 55.8542



37.6780, 33.6998, 30.4941

Complementary

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



27.5897, 33.6998, 27.6048



30.8348, 27.7669, 39.3332

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.



38.1633, 33.6998, 38.6782



27.5897, 33.6998, 27.6048



34.3855, 33.6998, 54.2268

Square

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



27.5897, 33.6998, 27.6048



28.6763, 33.6998, 51.7357



36.9243, 33.6998, 47.5854



35.6369, 33.6998, 24.8921

Rectangle

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



27.5897, 33.6998, 27.6048



26.6951, 33.6998, 40.6553



36.9243, 33.6998, 47.5854



38.0336, 33.6998, 32.9975

Sweetspot

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



27.5906, 33.7012, 27.6055



58.8619, 64.8937, 64.8967



33.2767, 36.6325, 27.8715



12.7609, 14.1354, 14.0120



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



27.5906, 33.7012, 27.6055



46.3861, 58.9009, 44.4904



28.7524, 34.1660, 33.7237



6.9856, 7.8950, 7.5358



10.1790, 20.3579, 3.3930



0.2139, 0.4278, 0.0713

Inverse Universe

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



30.8348, 27.7669, 39.3332



53.3963, 46.0779, 69.8315



29.5080, 27.2362, 32.3463



7.3644, 7.2022, 8.9051



16.8765, 8.1067, 27.6042



0.3546, 0.1703, 0.5800

Previews

White Background



This preview shows how the XYZ color 27.5897, 33.6998, 27.6048 looks on a white background.

Color Contrast Check

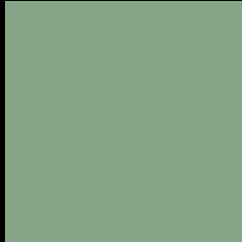
Large Text (above 18pt) WCAG AA × Fail

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 27.5897, 33.6998, 27.6048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

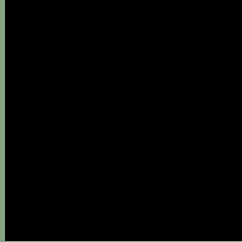
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.5897, 33.6998, 27.6048

Background



This preview shows how black text looks on a background with the XYZ color 27.5897, 33.6998, 27.6048.



This preview shows how white text looks on a background with the XYZ color 27.5897, 33.6998,

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

27.5897, 33.6998, 27.6048

Protanopia

31.4348, 33.3880, 25.9068

Deuteranopia

34.1724, 33.5231, 28.3364



Tritanopia

31.0017, 33.7829, 43.9165

Trichromacy



Original Color

27.5897, 33.6998, 27.6048

Protanomaly

29.8213, 33.3050, 26.3295

Deuteranomaly

31.4367, 33.3410, 28.0711

Tritanomaly

29.5731, 33.7126, 37.2963

Monochromacy



Original Color

27.5897, 33.6998, 27.6048

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

28.8449, 32.1780, 31.4788

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5897, 33.6998, 27.6048 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(134, 165, 134)` looks like.

```
.text, #text, p{  
    color:rgb(134, 165, 134)  
}
```

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(134, 165, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 165, 134) }
```

Border

The CSS property to change the border of an element to XYZ 27.5897, 33.6998, 27.6048 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(134, 165, 134) }
```


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

```
.border{ border-color:rgb(134, 165, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 165, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 165, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 165, 134);  
box-shadow:4px 4px 4px 4px rgb(134, 165,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5897, 33.6998, 27.6048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 165, 134) }
```

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

```
.background{ background-color: rgb(134,  
165, 134) }
```

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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