

Converting Colors

XYZ(27.1317, 33.6794, 27.0267)

Have a look what the booklet for
XYZ(27.1317, 33.6794, 27.0267)
contains.

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Color

**XYZ(27.1611, 33.7637,
26.9153)**

Conversions

Conversions Part 1

Format	Color
Hex	83A684
RGB	131, 166, 132
RGB Percent	51%, 65%, 52%
CMY	0.4863, 0.3490, 0.4823
CMYK	0.21, 0.00, 0.20, 0.35
HSL	122°, 16%, 58%
HSV	122°, 21%, 65%
XYZ	27.1611, 33.7637, 26.9153
YIQ	151.6590, -9.9460, -17.9940

Conversions

Conversions Part 2

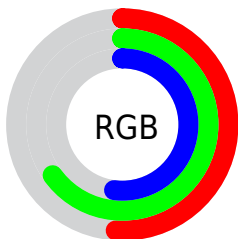
Format	Color
RYB	131, 165, 166
Decimal	8627844
CIELab	64.77, -18.83, 13.75
CIElCh	65, 23.314, 143.867
Yxy	33.7637, 0.3092, 0.3844
Android (android.graphics.Color)	4286817924 (0xFF83A684)
YUV	151.6590, -9.6919, -18.1179
Hunter-Lab	58.1065, -18.2491, 13.2111

Details

The XYZ color **27.1611, 33.7637, 26.9153** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **30.6348, 27.0568, 39.2065**, and the grayscale version is **29.7423, 31.2912, 34.0761**.

A 20% lighter version of the original color is **54.6210, 65.5300, 55.6687**, and **10.9336, 14.3932, 10.1845** is the 20% darker color. If you saturate the color by 10%, you get **23.7737, 32.1362, 21.4350**, and if you desaturate by 10%, it is **31.1329, 35.6747, 33.3148**.

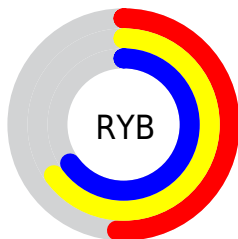
Distribution



Red (51%)

Green (65%)

Blue (52%)



Red (51%)

Yellow (65%)

Blue (65%)

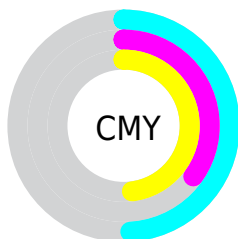


Cyan (21%)

Magenta (0%)

Yellow (20%)

Black (35%)



Cyan (49%)

Magenta (35%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1611, 33.7637, 26.9153 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 27.1611, 33.7637, 26.9153 by changing the saturation by 10% instead.

■ 27.1611, 33.7637,
26.9153

■ 27.1611, 33.7637,
26.9153

280.5896,
319.0771, 300.9940

■ 17.8315, 22.7121,
17.2777

■ 54.5603, 65.5660,
55.7500

■ 10.9280, 14.3811,
10.2687

■ 73.3606, 87.0856,
75.7842

■ 6.0854, 8.3862,
5.4695

■ 96.0486, 112.8633,
100.1211

■ 2.9382, 4.3430,
2.4618

122.9894,
143.2834, 129.1792

■ 1.1212, 1.8672,
0.8198

154.5486,
178.7305, 163.3769

■ 0.0427, 0.5286,
0.0000

191.0915,

■ 0.0000, 0.0000,

219.5889, 203.1330

0.0000

232.9834,
266.2430, 248.8658

■ 27.1611, 33.7637,
26.9153

■ 27.1611, 33.7637,
26.9153

■ 23.7737, 32.1362,
21.4350

■ 31.1329, 35.6747,
33.3148

■ 20.9405, 30.7746,
16.8297

■ 35.7120, 37.8772,
40.6705

■ 18.6329, 29.6662,
13.0547

■ 40.9233, 40.3843,
49.0204

■ 16.8186, 28.7953,
10.0606

■ 46.7895, 43.2070,
58.3995

■ 15.4616, 28.1445,
7.7928

■ 53.3324, 46.3556,
68.8412

■ 14.5211, 27.6942,
6.1896

■ 60.5725, 49.8402,
80.3773

■ 13.9492, 27.4211,
5.1792

■ 68.5296, 53.6702,
93.0384

■ 13.6629, 27.2842,
4.6826

■ 72.9269, 55.7538,
101.5256

Harmonies

Analogous

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



29.5529, 33.7637, 22.3315



27.1611, 33.7637, 26.9153



26.0988, 33.7637, 34.8256

Triad

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



27.1611, 33.7637, 26.9153



31.4076, 33.7637, 58.3457



38.3553, 33.7637, 29.7869

Complementary

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



27.1611, 33.7637, 26.9153



30.6348, 27.0568, 39.2065

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.



38.9376, 33.7637, 38.7708



27.1611, 33.7637, 26.9153



34.7712, 33.7637, 56.3640

Square

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



27.1611, 33.7637, 26.9153



28.4381, 33.7637, 53.7819



37.5849, 33.7637, 48.7599



36.0449, 33.7637, 23.7764

Rectangle

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



27.1611, 33.7637, 26.9153



26.2305, 33.7637, 41.3680



37.5849, 33.7637, 48.7599



38.7660, 33.7637, 32.5129

Sweetspot

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



27.1620, 33.7651, 26.9160



60.4936, 66.6635, 66.8793



33.3383, 36.9570, 26.8492



13.4227, 14.8629, 14.7823



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.



27.1620, 33.7651, 26.9160



46.4743, 59.9217, 44.2917



28.4287, 34.2718, 33.5863



7.4451, 8.4111, 8.0641



10.5974, 21.1577, 3.6468



0.2605, 0.5158, 0.1026

Inverse Universe

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



30.6348, 27.0568, 39.2065



53.8522, 45.6693, 70.4018



29.1819, 26.4757, 31.5555



7.8325, 7.6629, 9.4352



17.2035, 8.2901, 26.9470



0.4213, 0.2028, 0.6702

Previews

White Background



This preview shows how the XYZ color 27.1611, 33.7637, 26.9153 looks on a white background.

Color Contrast Check

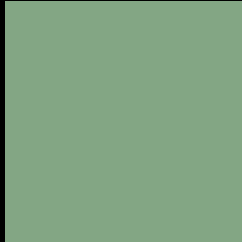
Large Text (above 18pt) WCAG AA × Fail

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 27.1611, 33.7637, 26.9153 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 27.1611, 33.7637, 26.9153

Background



This preview shows how black text looks on a background with the XYZ color 27.1611, 33.7637, 26.9153.



This preview shows how white text looks on a background with the XYZ color 27.1611, 33.7637,

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

27.1611, 33.7637, 26.9153

Protanopia

31.4451, 33.4162, 24.8713

Deuteranopia

34.2622, 33.5858, 27.5986



Tritanopia

30.5949, 33.5620, 44.4008

Trichromacy



Original Color

27.1611, 33.7637, 26.9153

Protanomaly

29.6701, 33.4989, 25.6710

Deuteranomaly

31.0918, 33.1795, 27.3198

Tritanomaly

29.0836, 33.4602, 37.2733

Monochromacy



Original Color

27.1611, 33.7637, 26.9153

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

28.6694, 32.0876, 31.4705

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1611, 33.7637, 26.9153 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(131, 166, 132)` looks like.

```
.text, #text, p{  
    color:rgb(131, 166, 132)  
}
```

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(131, 166, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 166, 132) }
```

Border

The CSS property to change the border of an element to XYZ 27.1611, 33.7637, 26.9153 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(131, 166, 132) }
```


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

```
.border{ border-color:rgb(131, 166, 132) }
```

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

Here you see how a box with a 4 pixel rgb(131, 166, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 166, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 166, 132);  
box-shadow:4px 4px 4px 4px rgb(131, 166,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1611, 33.7637, 26.9153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 166, 132) }
```

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

```
.background{ background-color: rgb(131,  
166, 132) }
```

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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