

Converting Colors

XYZ(27.8824, 37.0863, 26.7986)

Have a look what the booklet for
XYZ(27.8824, 37.0863, 26.7986)
contains.

XYZ(27.8668, 36.9475, 26.7819)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(27.8668, 36.9475,
26.7819)**

Conversions

Conversions Part 1

Format	Color
Hex	7CB082
RGB	124, 176, 130
RGB Percent	49%, 69%, 51%
CMY	0.5137, 0.3098, 0.4902
CMYK	0.30, 0.00, 0.26, 0.31
HSL	127°, 25%, 59%
HSV	127°, 30%, 69%
XYZ	27.8668, 36.9475, 26.7819
YIQ	155.2080, -16.2260, -25.3300

Conversions

Conversions Part 2

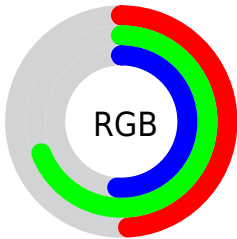
Format	Color
RYB	124, 171, 176
Decimal	8171650
CIELab	67.24, -26.62, 18.20
CIElCh	67, 32.247, 145.636
Yxy	36.9475, 0.3042, 0.4034
Android (android.graphics.Color)	4286361730 (0xFF7CB082)
YUV	155.2080, -12.4275, -27.3694
Hunter-Lab	60.7845, -24.5390, 16.4257

Details

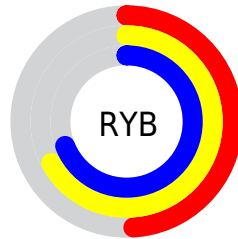
The XYZ color **27.8668, 36.9475, 26.7819** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **32.3691, 26.5485, 41.4502**, and the grayscale version is **31.3071, 32.9375, 35.8690**.

A 20% lighter version of the original color is **55.7640, 70.5971, 55.4873**, and **11.2786, 16.1616, 10.1145** is the 20% darker color. If you saturate the color by 10%, you get **24.5796, 35.3657, 21.5796**, and if you desaturate by 10%, it is **31.7681, 38.8297, 32.8400**.

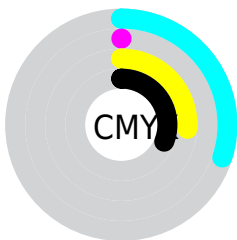
Distribution



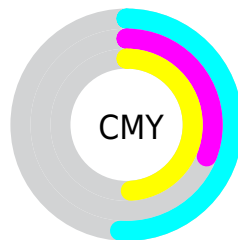
- Red (49%)
- Green (69%)
- Blue (51%)



- Red (49%)
- Yellow (67%)
- Blue (69%)



- Cyan (30%)
- Magenta (0%)
- Yellow (26%)
- Black (31%)



- Cyan (51%)
- Magenta (31%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.8668, 36.9475, 26.7819 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 27.8668, 36.9475, 26.7819 by changing the saturation by 10% instead.

■ 27.8668, 36.9475,
26.7819

■ 27.8668, 36.9475,
26.7819

283.9215,
333.0832, 300.3263

■ 18.3652, 25.1668,
17.1785

■ 55.6818, 70.4920,
55.5332

■ 11.3138, 16.2014,
10.1985

■ 74.7260, 93.0247,
75.5181

■ 6.3471, 9.6668,
5.4235

■ 97.6818, 119.9102,
99.8007

■ 3.1000, 5.1786,
2.4348

124.9144,
151.5328, 128.7993

■ 1.2068, 2.3524,
0.8053

156.7894,
188.2770, 162.9327

■ 0.1118, 0.8012,
0.0000

193.6720,

■ 0.0000, 0.0000,

230.5272, 202.6193

0.0000

235.9276,
278.6678, 248.2776

■ 27.8668, 36.9475,
26.7819

■ 27.8668, 36.9475,
26.7819

■ 24.5796, 35.3657,
21.5796

■ 31.7681, 38.8297,
32.8400

■ 21.8723, 34.0643,
17.1922

■ 36.3096, 41.0219,
39.7875

■ 19.7120, 33.0284,
13.5792

■ 41.5194, 43.5388,
47.6591

■ 18.0610, 32.2394,
10.6956

■ 47.4231, 46.3930,
56.4870

■ 16.8769, 31.6765,
8.4917

■ 54.0449, 49.5963,
66.3018

■ 16.1105, 31.3156,
6.9117

■ 61.4078, 53.1599,
77.1327

■ 15.6716, 31.1115,
5.8893

■ 69.5340, 57.0947,
89.0077

■ 15.6551, 31.1038,
5.8548

■ 74.7449, 59.5037,
101.7807

■ 74.8161, 59.5321,
102.1554

Harmonies

Analogous

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



31.1780, 36.9475, 20.3991



27.8668, 36.9475, 26.7819



26.4969, 36.9475, 38.2010

Triad

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



27.8668, 36.9475, 26.7819



34.4018, 36.9475, 73.7796



44.3647, 36.9475, 29.6005

Complementary

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



27.8668, 36.9475, 26.7819



32.3691, 26.5485, 41.4502

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.



45.4303, 36.9475, 42.3287



27.8668, 36.9475, 26.7819



39.3756, 36.9475, 69.9655

Square

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



27.8668, 36.9475, 26.7819



30.0393, 36.9475, 67.0234



43.5280, 36.9475, 57.5600



40.7380, 36.9475, 21.7397

Rectangle

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



27.8668, 36.9475, 26.7819



26.7654, 36.9475, 47.9900



43.5280, 36.9475, 57.5600



45.0480, 36.9475, 33.3543

Sweetspot

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



27.8678, 36.9491, 26.7827



66.1950, 74.5630, 72.6815



35.9160, 41.1433, 25.1176



14.0738, 16.0278, 15.3381



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



27.8678, 36.9491, 26.7827



46.7941, 65.2057, 42.6679



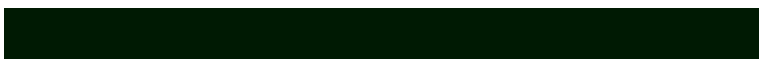
29.7718, 37.7107, 36.8094



8.4275, 9.5055, 9.2451



11.4976, 22.8250, 4.3572



0.3745, 0.7233, 0.2044

Inverse Universe

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



32.3691, 26.5485, 41.4502



56.1970, 43.4703, 73.2997



30.2087, 25.6844, 30.0735



8.8070, 8.6295, 10.4819



17.5344, 8.5313, 23.7721



0.5636, 0.2732, 0.8106

Previews

White Background



This preview shows how the XYZ color 27.8668, 36.9475, 26.7819 looks on a white background.

Color Contrast Check

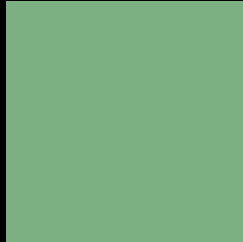
Large Text (above 18pt) WCAG AA × Fail

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 27.8668, 36.9475, 26.7819 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

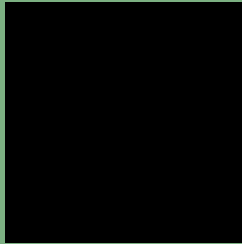
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.8668, 36.9475, 26.7819

Background



This preview shows how black text looks on a background with the XYZ color 27.8668, 36.9475, 26.7819.



This preview shows how white text looks on a background with the XYZ color 27.8668, 36.9475,

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

27.8668, 36.9475, 26.7819

Protanopia

34.1908, 36.6483, 24.3406

Deuteranopia

37.3463, 36.6540, 27.6608



Tritanopia

32.5667, 36.8632, 50.1986

Trichromacy



Original Color

27.8668, 36.9475, 26.7819

Protanomaly

31.4788, 36.5795, 25.1401

Deuteranomaly

33.0261, 36.2437, 27.4454

Tritanomaly

30.6593, 36.9312, 40.6345

Monochromacy



Original Color

27.8668, 36.9475, 26.7819

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

29.7871, 34.1990, 32.2252

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.8668, 36.9475, 26.7819 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(124, 176, 130)` looks like.

```
.text, #text, p{  
    color:rgb(124, 176, 130)  
}
```

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(124, 176, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 176, 130) }
```

Border

The CSS property to change the border of an element to XYZ 27.8668, 36.9475, 26.7819 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(124, 176, 130) }
```


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

```
.border{ border-color:rgb(124, 176, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 176, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 176, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 176, 130);  
box-shadow:4px 4px 4px 4px rgb(124, 176,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 27.8668, 36.9475, 26.7819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 176, 130) }
```

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

```
.background{ background-color: rgb(124,  
176, 130) }
```

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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