

Converting Colors

XYZ(27.6131, 36.2231, 27.3662)

Have a look what the booklet for
XYZ(27.6131, 36.2231, 27.3662)
contains.

XYZ(27.6131, 36.2231, 27.3662)	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(27.6131, 36.2231,
27.3662)**

Conversions

Conversions Part 1

Format	Color
Hex	7CAE84
RGB	124, 174, 132
RGB Percent	49%, 68%, 52%
CMY	0.5137, 0.3176, 0.4823
CMYK	0.29, 0.00, 0.24, 0.32
HSL	130°, 24%, 58%
HSV	130°, 29%, 68%
XYZ	27.6131, 36.2231, 27.3662
YIQ	154.2620, -16.3180, -23.6620

Conversions

Conversions Part 2

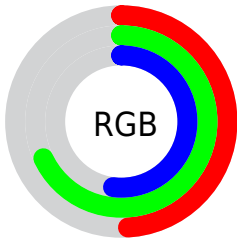
Format	Color
RYB	124, 167, 174
Decimal	8171140
CIELab	66.69, -25.27, 16.35
CIElCh	67, 30.099, 147.091
Yxy	36.2231, 0.3028, 0.3972
Android (android.graphics.Color)	4286361220 (0xFF7CAE84)
YUV	154.2620, -10.9752, -26.5398
Hunter-Lab	60.1856, -23.4292, 15.1710

Details

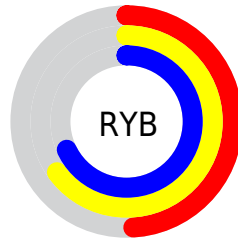
The XYZ color **27.6131, 36.2231, 27.3662** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **31.5474, 26.1680, 39.4661**, and the grayscale version is **30.8829, 32.4912, 35.3829**.

A 20% lighter version of the original color is **55.4139, 69.5614, 56.4050**, and **11.1080, 15.7004, 10.4277** is the 20% darker color. If you saturate the color by 10%, you get **24.3859, 34.6680, 22.3550**, and if you desaturate by 10%, it is **31.4262, 38.0661, 33.1380**.

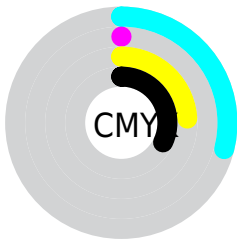
Distribution



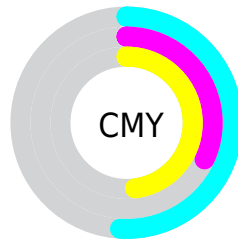
- Red (49%)
- Green (68%)
- Blue (52%)



- Red (49%)
- Yellow (65%)
- Blue (68%)



- Cyan (29%)
- Magenta (0%)
- Yellow (24%)
- Black (32%)



- Cyan (51%)
- Magenta (32%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.6131, 36.2231, 27.3662 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 27.6131, 36.2231, 27.3662 by changing the saturation by 10% instead.

■ 27.6131, 36.2231,
27.3662

■ 27.6131, 36.2231,
27.3662

282.7272,
329.9346, 303.2419

■ 18.1732, 24.6066,
17.6136

■ 55.2791, 69.3763,
56.4818

■ 11.1748, 15.7842,
10.5064

■ 74.2359, 91.6817,
76.6819

■ 6.2527, 9.3716,
5.6260

■ 97.0957, 118.3189,
101.2015

■ 3.0415, 4.9843,
2.5539

124.2239,
149.6721, 130.4592

■ 1.1757, 2.2381,
0.8685

155.9858,
186.1260, 164.8736

■ 0.0871, 0.7406,
0.0000

192.7467,

■ 0.0000, 0.0000,

228.0647, 204.8631

0.0000

234.8721,
275.8728, 250.8464

■ 27.6131, 36.2231,
27.3662

■ 27.6131, 36.2231,
27.3662

■ 24.3859, 34.6680,
22.3550

■ 31.4262, 38.0661,
33.1380

■ 21.7124, 33.3819,
18.0702

■ 35.8493, 40.2056,
39.6976

■ 19.5621, 32.3506,
14.4790

■ 40.9087, 42.6558,
47.0741

■ 17.9001, 31.5570,
11.5447

■ 46.6284, 45.4284,
55.2941

■ 16.6870, 30.9817,
9.2274

■ 53.0311, 48.5346,
64.3833

■ 15.8775, 30.6021,
7.4829

■ 60.1383, 51.9849,
74.3661

■ 15.3946, 30.3798,
6.2600

■ 67.9706, 55.7895,
85.2660

■ 15.3444, 30.3565,
6.1393

■ 73.4650, 58.3688,
96.9613

■ 74.4267, 58.7535,
102.0256

Harmonies

Analogous

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



30.6075, 36.2231, 21.1195



27.6131, 36.2231, 27.3662



26.4319, 36.2231, 38.1867

Triad

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



27.6131, 36.2231, 27.3662



33.9883, 36.2231, 70.0188



42.7928, 36.2231, 29.1233

Complementary

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



27.6131, 36.2231, 27.3662



31.5474, 26.1680, 39.4661

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.



43.8955, 36.2231, 40.7220



27.6131, 36.2231, 27.3662



38.5560, 36.2231, 66.1222

Square

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



27.6131, 36.2231, 27.3662



29.9042, 36.2231, 64.3494



42.2832, 36.2231, 54.6288



39.3886, 36.2231, 21.9665

Rectangle

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



27.6131, 36.2231, 27.3662



26.7467, 36.2231, 47.2473



42.2832, 36.2231, 54.6288



43.4572, 36.2231, 32.5453

Sweetspot

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



27.6141, 36.2246, 27.3670



64.6619, 72.7506, 71.4716



34.6065, 39.8902, 24.9448



14.1024, 16.0392, 15.4885



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.



27.6141, 36.2246, 27.3670



46.5273, 63.9880, 44.1431



29.4925, 36.9760, 37.2588



7.9548, 8.9595, 8.7871



11.1439, 22.0228, 4.5316



0.3255, 0.6189, 0.2077

Inverse Universe

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



31.5474, 26.1680, 39.4661



54.7501, 42.9535, 69.4287



29.5093, 25.3528, 28.7339



8.2812, 8.1257, 9.7916



16.4510, 8.0429, 20.5522



0.4721, 0.2295, 0.6480

Previews

White Background



This preview shows how the XYZ color 27.6131, 36.2231, 27.3662 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 27.6131, 36.2231, 27.3662 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 27.6131, 36.2231, 27.3662

Background



This preview shows how black text looks on a background with the XYZ color 27.6131, 36.2231, 27.3662.



This preview shows how white text looks on a background with the XYZ color 27.6131, 36.2231,

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

27.6131, 36.2231, 27.3662

Protanopia

33.5240, 35.7668, 24.8754

Deuteranopia

36.4150, 35.6594, 28.2562



Tritanopia

32.0160, 36.3280, 49.0406

Trichromacy



Original Color

27.6131, 36.2231, 27.3662

Protanomaly

31.0501, 35.7995, 25.6956

Deuteranomaly

32.3978, 35.3765, 28.0425

Tritanomaly

30.1915, 36.1396, 40.0347

Monochromacy



Original Color

27.6131, 36.2231, 27.3662

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

29.2609, 33.4047, 32.0997

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6131, 36.2231, 27.3662 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, 174, 132)` looks like.

```
.text, #text, p{  
    color:rgb(124, 174, 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(124, 174, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 174, 132) }
```

Border

The CSS property to change the border of an element to XYZ 27.6131, 36.2231, 27.3662 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, 174, 132) }
```


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

```
.border{ border-color:rgb(124, 174, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 174, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 174, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 174, 132);  
box-shadow:4px 4px 4px 4px rgb(124, 174,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6131, 36.2231, 27.3662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 174, 132) }
```

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

```
.background{ background-color: rgb(124,  
174, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor