

Converting Colors

XYZ(27.2202, 35.3238, 27.8745)

Have a look what the booklet for
XYZ(27.2202, 35.3238, 27.8745)
contains.

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Color

**XYZ(27.3678, 35.5114,
27.9662)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 7CAC86 |
| RGB | 124, 172, 134 |
| RGB Percent | 49%, 67%, 53% |
| CMY | 0.5137, 0.3255, 0.4745 |
| CMYK | 0.28, 0.00, 0.22, 0.33 |
| HSL | 132°, 22%, 58% |
| HSV | 132°, 28%, 67% |
| XYZ | 27.3678, 35.5114, 27.9662 |
| YIQ | 153.3160, -16.4100, -21.9940 |

Conversions

Conversions Part 2

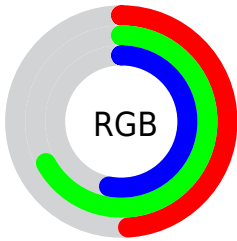
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 124, 164, 172 |
| Decimal | 8170630 |
| CIELab | 66.14, -23.90, 14.50 |
| CIELCh | 66, 27.956, 148.763 |
| Yxy | 35.5114, 0.3013, 0.3909 |
| Android (android.graphics.Color) | 4286360710 (0xFF7CAC86) |
| YUV | 153.3160, -9.5228, -25.7101 |
| Hunter-Lab | 59.5914, -22.3076, 13.8893 |

Details

The XYZ color **27.3678, 35.5114, 27.9662** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **30.7437, 25.7954, 37.5426**, and the grayscale version is **30.4621, 32.0485, 34.9008**.

A 20% lighter version of the original color is **55.0731, 68.5396, 57.3405**, and **10.9447, 15.2502, 10.7542** is the 20% darker color. If you saturate the color by 10%, you get **24.2063, 33.9853, 23.1759**, and if you desaturate by 10%, it is **31.0872, 37.3129, 33.4226**.

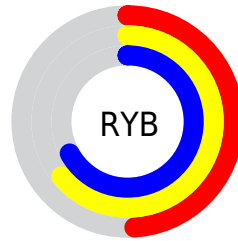
Distribution



Red (49%)

Green (67%)

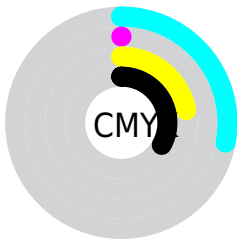
Blue (53%)



Red (49%)

Yellow (64%)

Blue (67%)

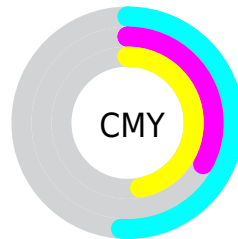


Cyan (28%)

Magenta (0%)

Yellow (22%)

Black (33%)



Cyan (51%)

Magenta (33%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3678, 35.5114, 27.9662 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 27.3678, 35.5114, 27.9662 by changing the saturation by 10% instead.

■ 27.3678, 35.5114,
27.9662

■ 27.3678, 35.5114,
27.9662

281.5687,
326.8199, 306.2122

■ 17.9877, 24.0571,
18.0614

■ 54.8892, 68.2773,
57.4529

■ 11.0408, 15.3760,
10.8242

■ 73.7612, 90.3576,
77.8719

■ 6.1618, 9.0837,
5.8360

■ 96.5279, 116.7487,
102.6327

■ 2.9853, 4.7958,
2.6785

123.5546,
147.8350, 132.1537

■ 1.1460, 2.1280,
0.9326

155.2067,
184.0009, 166.8537

■ 0.0631, 0.6803,
0.0000

191.8495,

■ 0.0000, 0.0000,

225.6307, 207.1511

0.0000

233.8484,
273.1089, 253.4644

■ 27.3678, 35.5114,
27.9662

■ 27.3678, 35.5114,
27.9662

■ 24.2063, 33.9853,
23.1759

■ 31.0872, 37.3129,
33.4226

■ 21.5725, 32.7168,
19.0238

■ 35.3868, 39.3979,
39.5667

■ 19.4381, 31.6926,
15.4837

■ 40.2913, 41.7796,
46.4222

■ 17.7705, 30.8966,
12.5264

■ 45.8231, 44.4691,
54.0110

■ 16.5334, 30.3109,
10.1205

■ 52.0033, 47.4769,
62.3540

■ 15.6848, 29.9143,
8.2316

■ 58.8523, 50.8130,
71.4711

■ 15.1592, 29.6741,
6.8207

■ 66.3894, 54.4869,
81.3816

■ 15.0691, 29.6328,
6.5812

■ 72.1615, 57.2337,
91.9885

■ 74.0432, 57.9864,
101.8977

Harmonies

Analogous

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



30.0498, 35.5114, 21.8671



27.3678, 35.5114, 27.9662



26.3739, 35.5114, 38.1738

Triad

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



27.3678, 35.5114, 27.9662



33.5803, 35.5114, 66.3716



41.2572, 35.5114, 28.6616

Complementary

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



27.3678, 35.5114, 27.9662



30.7437, 25.7954, 37.5426

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.



42.3930, 35.5114, 39.1622



27.3678, 35.5114, 27.9662



37.7476, 35.5114, 62.4107

Square

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



27.3678, 35.5114, 27.9662



29.7740, 35.5114, 61.7331



41.0602, 35.5114, 51.7963



38.0705, 35.5114, 22.2068

Rectangle

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



27.3678, 35.5114, 27.9662



26.7344, 35.5114, 46.5082



41.0602, 35.5114, 51.7963



41.9025, 35.5114, 31.7587

Sweetspot

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



27.3687, 35.5129, 27.9670



63.9977, 71.3751, 71.4993



33.3737, 38.6854, 24.7772



13.6450, 15.3837, 15.1659



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



27.3687, 35.5129, 27.9670



46.2674, 62.7886, 45.6493



29.2030, 36.2466, 37.6260



7.9702, 8.9656, 8.8682



11.2302, 22.0573, 4.9858



0.3316, 0.6213, 0.2397

Inverse Universe

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



30.7437, 25.7954, 37.5426



53.3318, 42.4373, 65.6842



28.8385, 25.0333, 27.5096



8.2645, 8.1191, 9.7038



15.9968, 7.8613, 18.1607



0.4628, 0.2258, 0.5987

Previews

White Background



This preview shows how the XYZ color 27.3678, 35.5114, 27.9662 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 27.3678, 35.5114, 27.9662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

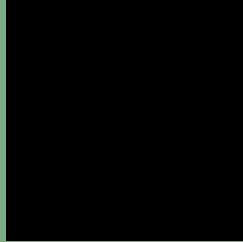
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.3678, 35.5114, 27.9662

Background



This preview shows how black text looks on a background with the XYZ color 27.3678, 35.5114, 27.9662.



This preview shows how white text looks on a background with the XYZ color 27.3678, 35.5114,

27.9662.

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

27.3678, 35.5114, 27.9662

Protanopia

33.0447, 35.2462, 25.4836

Deuteranopia

35.9102, 35.1365, 28.9341



Tritanopia

31.4458, 35.5137, 47.8453

Trichromacy



Original Color

27.3678, 35.5114, 27.9662

Protanomaly

30.4416, 34.9349, 26.2578

Deuteranomaly

32.1605, 34.9773, 28.7232

Tritanomaly

29.8194, 35.3954, 39.9107

Monochromacy



Original Color

27.3678, 35.5114, 27.9662

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

28.9144, 32.9677, 32.0336

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3678, 35.5114, 27.9662 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, 172, 134)` looks like.

```
.text, #text, p{  
    color:rgb(124, 172, 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(124, 172, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 172, 134) }
```

Border

The CSS property to change the border of an element to XYZ 27.3678, 35.5114, 27.9662 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, 172, 134) }
```


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

```
.border{ border-color:rgb(124, 172, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 172, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 172, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 172, 134);  
box-shadow:4px 4px 4px 4px rgb(124, 172,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3678, 35.5114, 27.9662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 172, 134) }
```

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

```
.background{ background-color: rgb(124,  
172, 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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