

Converting Colors

XYZ(27.3207, 33.2690, 28.8907)

Have a look what the booklet for
XYZ(27.3207, 33.2690, 28.8907)
contains.

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Color

**XYZ(27.3786, 33.2914,
29.0276)**

Conversions

Conversions Part 1

Format	Color
Hex	84A48A
RGB	132, 164, 138
RGB Percent	52%, 64%, 54%
CMY	0.4823, 0.3568, 0.4588
CMYK	0.20, 0.00, 0.16, 0.36
HSL	131°, 15%, 58%
HSV	131°, 20%, 64%
XYZ	27.3786, 33.2914, 29.0276
YIQ	151.4680, -10.7260, -14.8700

Conversions

Conversions Part 2

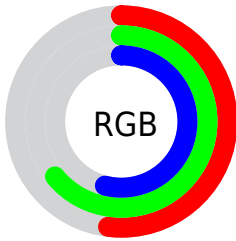
Format	Color
RYB	132, 159, 164
Decimal	8692874
CIELab	64.40, -16.32, 9.89
CIElCh	64, 19.087, 148.777
Yxy	33.2914, 0.3052, 0.3712
Android (android.graphics.Color)	4286882954 (0xFF84A48A)
YUV	151.4680, -6.6397, -17.0734
Hunter-Lab	57.6987, -16.2727, 10.5609

Details

The XYZ color **27.3786, 33.2914, 29.0276** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **29.7338, 26.8644, 35.9674**, and the grayscale version is **29.6476, 31.1916, 33.9677**.

A 20% lighter version of the original color is **54.7431, 64.7389, 58.9008**, and **11.0353, 14.0868, 11.3699** is the 20% darker color. If you saturate the color by 10%, you get **24.1066, 31.7103, 24.1438**, and if you desaturate by 10%, it is **31.1741, 35.1306, 34.5553**.

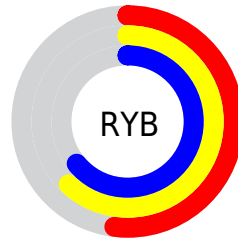
Distribution



Red (52%)

Green (64%)

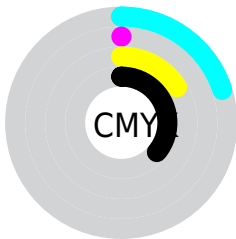
Blue (54%)



Red (52%)

Yellow (62%)

Blue (64%)

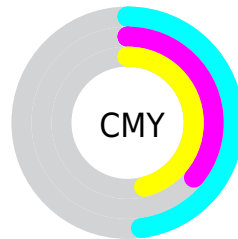


Cyan (20%)

Magenta (0%)

Yellow (16%)

Black (36%)



Cyan (48%)

Magenta (36%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3786, 33.2914, 29.0276 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 27.3786, 33.2914, 29.0276 by changing the saturation by 10% instead.

■ 27.3786, 33.2914,
29.0276

■ 27.3786, 33.2914,
29.0276

281.6198,
316.9608, 311.4102

■ 17.9958, 22.3498,
18.8559

■ 54.9064, 64.8302,
59.1636

■ 11.0467, 14.1141,
11.3905

■ 73.7822, 86.1962,
79.9651

■ 6.1658, 8.2001,
6.2127

■ 96.5529, 111.8057,
105.1469

■ 2.9877, 4.2232,
2.9039

123.5841,
142.0432, 135.1276

■ 1.1473, 1.7992,
1.0458

155.2410,
177.2931, 170.3258

■ 0.0641, 0.4867,
0.0000

191.8891,

■ 0.0000, 0.0000,

217.9397, 211.1599

0.0000

233.8935,
264.3675, 258.0485

■ 27.3786, 33.2914,
29.0276

■ 27.3786, 33.2914,
29.0276

■ 24.1066, 31.7103,
24.1438

■ 31.1741, 35.1306,
34.5553

■ 21.3322, 30.3716,
19.8783

■ 35.5118, 37.2342,
40.7467

■ 19.0315, 29.2644,
16.2070


■ 40.4132, 39.6138,
47.6238


■ 17.1777, 28.3755,
13.1036


■ 45.8975, 42.2789,
55.2067


■ 15.7408, 27.6900,
10.5395


■ 51.9831, 45.2386,
63.5147


 14.6876, 27.1915,
8.4839


 58.6876, 48.5015,
72.5664


 13.9792, 26.8605,
6.9026

 66.0278, 52.0759,
82.3797

 13.5387, 26.6584,
5.7560

 70.9372, 54.3806,
92.8277

 13.5201, 26.6498,
5.7104

 72.5661, 55.0322,
101.4054

Harmonies

Analogous

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



29.1916, 33.2914, 24.6444



27.3786, 33.2914, 29.0276



26.6978, 33.2914, 35.9301

Triad

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



27.3786, 33.2914, 29.0276



31.5311, 33.2914, 53.3746



36.4500, 33.2914, 29.5074

Complementary

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



27.3786, 33.2914, 29.0276



29.7338, 26.8644, 35.9674

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.



37.1629, 33.2914, 36.5691



27.3786, 33.2914, 29.0276



34.2268, 33.2914, 51.0210

Square

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



27.3786, 33.2914, 29.0276



29.0089, 33.2914, 50.6208



36.3275, 33.2914, 44.5778



34.4308, 33.2914, 24.8922

Rectangle

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



27.3786, 33.2914, 29.0276



26.9460, 33.2914, 41.2855



36.3275, 33.2914, 44.5778



36.8553, 33.2914, 31.6392

Sweetspot

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



27.3795, 33.2928, 29.0283



59.1483, 65.0082, 66.4049



31.5684, 35.5011, 27.0187



12.8292, 14.1628, 14.3716



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.



27.3795, 33.2928, 29.0283



47.2572, 59.2494, 49.0774



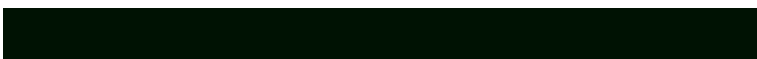
28.6138, 33.7865, 35.5282



7.0373, 7.9157, 7.8082



10.3797, 20.4382, 4.4502



0.2322, 0.4351, 0.1678

Inverse Universe

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



29.7338, 26.8644, 35.9674



52.2482, 45.6187, 63.7857



28.4546, 26.3527, 29.2313



7.3071, 7.1793, 8.6036



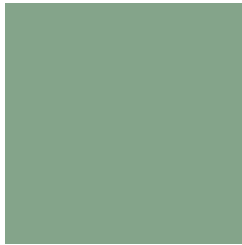
15.0147, 7.3619, 17.7997



0.3294, 0.1602, 0.4472

Previews

White Background



This preview shows how the XYZ color 27.3786, 33.2914, 29.0276 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 27.3786, 33.2914, 29.0276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

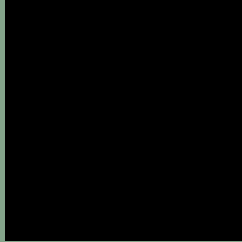
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.3786, 33.2914, 29.0276

Background



This preview shows how black text looks on a background with the XYZ color 27.3786, 33.2914, 29.0276.



This preview shows how white text looks on a background with the XYZ color 27.3786, 33.2914,

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

27.3786, 33.2914, 29.0276

Protanopia

31.3343, 33.0564, 27.2833

Deuteranopia

33.6186, 32.9659, 29.7905



Tritanopia

30.3258, 33.1781, 43.8354

Trichromacy



Original Color

27.3786, 33.2914, 29.0276

Protanomaly

29.5489, 32.8784, 27.7104

Deuteranomaly

30.9522, 32.8097, 29.5125

Tritanomaly

29.2434, 33.2620, 38.1366

Monochromacy



Original Color

27.3786, 33.2914, 29.0276

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

28.5784, 31.7815, 31.8223

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3786, 33.2914, 29.0276 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(132, 164, 138)` looks like.

```
.text, #text, p{  
    color:rgb(132, 164, 138)  
}
```

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(132, 164, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 164, 138) }
```

Border

The CSS property to change the border of an element to XYZ 27.3786, 33.2914, 29.0276 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(132, 164, 138) }
```


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

```
.border{ border-color:rgb(132, 164, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 164, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 164, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 164, 138);  
box-shadow:4px 4px 4px 4px rgb(132, 164,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3786, 33.2914, 29.0276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 164, 138) }
```

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

```
.background{ background-color: rgb(132,  
164, 138) }
```

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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