

Converting Colors

XYZ(27.6744, 32.9776, 25.1601)

Have a look what the booklet for
XYZ(27.6744, 32.9776, 25.1601)
contains.

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Color

**XYZ(27.8011, 33.0619,
25.3384)**

Conversions

Conversions Part 1

Format	Color
Hex	8DA280
RGB	141, 162, 128
RGB Percent	55%, 64%, 50%
CMY	0.4471, 0.3647, 0.4980
CMYK	0.13, 0.00, 0.21, 0.36
HSL	97°, 15%, 57%
HSV	97°, 21%, 64%
XYZ	27.8011, 33.0619, 25.3384
YIQ	151.8450, -1.6020, -15.0260

Conversions

Conversions Part 2

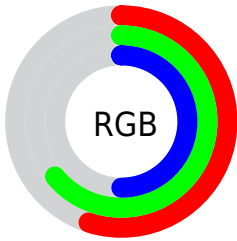
Format	Color
RYB	128, 162, 149
Decimal	9282176
CIELab	64.21, -13.83, 15.28
CIELCh	64, 20.610, 132.163
Yxy	33.0619, 0.3225, 0.3835
Android (android.graphics.Color)	4287472256 (0xFF8DA280)
YUV	151.8450, -11.7556, -9.5111
Hunter-Lab	57.4995, -14.3190, 14.1222

Details

The XYZ color **27.8011, 33.0619, 25.3384** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **26.6366, 24.4375, 37.4972**, and the grayscale version is **29.8285, 31.3819, 34.1749**.

A 20% lighter version of the original color is **55.6590, 64.5640, 53.2446**, and **11.2037, 13.8900, 9.4877** is the 20% darker color. If you saturate the color by 10%, you get **25.1936, 31.8322, 20.0876**, and if you desaturate by 10%, it is **30.7344, 34.4418, 31.4946**.

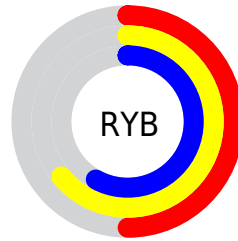
Distribution



Red (55%)

Green (64%)

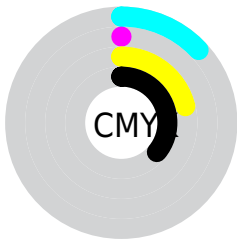
Blue (50%)



Red (50%)

Yellow (64%)

Blue (58%)

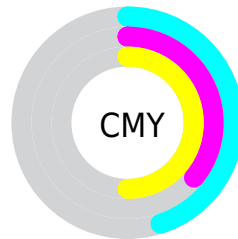


Cyan (13%)

Magenta (0%)

Yellow (21%)

Black (36%)



Cyan (45%)

Magenta (36%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.8011, 33.0619, 25.3384 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 27.8011, 33.0619, 25.3384 by changing the saturation by 10% instead.

■ 27.8011, 33.0619,
25.3384

■ 27.8011, 33.0619,
25.3384

283.6126,
315.9286, 293.0205

■ 18.3155, 22.1739,
16.1080

■ 55.5776, 64.4722,
53.1766

■ 11.2778, 13.9847,
9.4455

■ 74.5992, 85.7632,
72.6215

■ 6.3227, 8.1100,
4.9321

■ 97.5301, 111.2906,
96.3083

■ 3.0848, 4.1654,
2.1494

124.7358,
141.4390, 124.6557

■ 1.1987, 1.7665,
0.6450

156.5815,
176.5925, 158.0820

■ 0.1054, 0.4662,
0.0000

193.4326,

■ 0.0000, 0.0000,

217.1357, 197.0059

0.0000

235.6546,
263.4529, 241.8459

■ 27.8011, 33.0619,
25.3384

■ 27.8011, 33.0619,
25.3384

■ 25.1936, 31.8322,
20.0876

■ 30.7344, 34.4418,
31.4946

■ 22.8972, 30.7432,
15.6974

■ 34.0023, 35.9728,
38.5938

■ 20.8999, 29.7906,
12.1224

■ 37.6165, 37.6609,
46.6743

■ 19.1876, 28.9682,
9.3121

■ 41.5874, 39.5107,
55.7714

■ 17.7451, 28.2696,
7.2106

■ 45.9249, 41.5266,
65.9187

■ 16.5555, 27.6874,
5.7541

■ 50.6383, 43.7128,
77.1485

■ 15.5994, 27.2131,
4.8676

■ 55.7368, 46.0733,
89.4913

■ 14.9035, 26.8640,
4.3998

■ 60.8070, 48.4431,
100.7533

■ 63.9465, 50.0615,
100.9002

Harmonies

Analogous

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



30.2551, 33.0619, 22.4465



27.8011, 33.0619, 25.3384



26.3726, 33.0619, 31.2906

Triad

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



27.8011, 33.0619, 25.3384



29.7342, 33.0619, 53.5957



37.2442, 33.0619, 32.7131

Complementary

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



27.8011, 33.0619, 25.3384



26.6366, 24.4375, 37.4972

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.



37.0832, 33.0619, 41.1570



27.8011, 33.0619, 25.3384



32.6233, 33.0619, 54.1351

Square

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



27.8011, 33.0619, 25.3384



27.4402, 33.0619, 47.9187



35.3495, 33.0619, 49.2948



35.7766, 33.0619, 26.2402

Rectangle

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



27.8011, 33.0619, 25.3384



26.1366, 33.0619, 36.6097



35.3495, 33.0619, 49.2948



37.3812, 33.0619, 35.3947

Sweetspot

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



27.8020, 33.0633, 25.3391



58.6078, 63.8434, 63.2370



29.5401, 30.7256, 24.7963



13.0820, 14.3010, 14.0270



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.



27.8020, 33.0633, 25.3391



48.2738, 58.9859, 41.5227



25.9860, 32.0964, 26.6441



7.2296, 8.0208, 7.5472



11.7858, 21.1863, 3.4682



0.2993, 0.4718, 0.0753

Inverse Universe

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



26.6366, 24.4375, 37.4972



45.7847, 40.5730, 67.4744



28.7952, 25.5904, 35.7862



7.1008, 7.0663, 8.8928



9.3332, 4.2179, 27.2520



0.2463, 0.1145, 0.5750

Previews

White Background



This preview shows how the XYZ color 27.8011, 33.0619, 25.3384 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 27.8011, 33.0619, 25.3384 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 27.8011, 33.0619, 25.3384

Background



This preview shows how black text looks on a background with the XYZ color 27.8011, 33.0619, 25.3384.



This preview shows how white text looks on a background with the XYZ color 27.8011, 33.0619,

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

27.8011, 33.0619, 25.3384

Protanopia

30.9401, 32.9227, 24.1260

Deuteranopia

33.4346, 32.7173, 26.0256



Tritanopia

31.0825, 32.8446, 42.2375

Trichromacy



Original Color

27.8011, 33.0619, 25.3384

Protanomaly

29.7031, 33.0280, 24.5482

Deuteranomaly

31.1019, 32.7222, 25.7959

Tritanomaly

29.7366, 32.8066, 35.3369

Monochromacy



Original Color

27.8011, 33.0619, 25.3384

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.0591, 32.0560, 30.6424

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.8011, 33.0619, 25.3384 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(141, 162, 128)` looks like.

```
.text, #text, p{  
    color:rgb(141, 162, 128)  
}
```

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(141, 162, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 162, 128) }
```

Border

The CSS property to change the border of an element to XYZ 27.8011, 33.0619, 25.3384 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(141, 162, 128) }
```


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

```
.border{ border-color:rgb(141, 162, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 162, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 162, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 162, 128);  
box-shadow:4px 4px 4px 4px rgb(141, 162,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 27.8011, 33.0619, 25.3384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 162, 128) }
```

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

```
.background{ background-color: rgb(141,  
162, 128) }
```

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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