

Converting Colors

XYZ(27.8329, 27.2585, 30.1801)

Have a look what the booklet for
XYZ(27.8329, 27.2585, 30.1801)
contains.

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Color

**XYZ(27.8328, 27.2585,
30.1800)**

Conversions

Conversions Part 1

Format	Color
Hex	9C8A90
RGB	156, 138, 144
RGB Percent	61%, 54%, 56%
CMY	0.3882, 0.4588, 0.4353
CMYK	0.00, 0.12, 0.08, 0.39
HSL	340°, 8%, 58%
HSV	340°, 12%, 61%
XYZ	27.8328, 27.2585, 30.1800
YIQ	144.0660, 8.8020, 5.6820

Conversions

Conversions Part 2

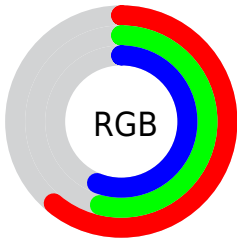
Format	Color
R_{YB}	156, 138, 144
Decimal	10259088
CIE Lab	59.21, 7.84, -0.72
CIE LCh	59, 7.869, 354.719
Yxy	27.2585, 0.3264, 0.3197
Android (android.graphics.Color)	4288449168 (0xFF9C8A90)
YUV	144.0660, -0.0325, 10.4661
Hunter-Lab	52.2097, 3.7908, 2.2740

Details

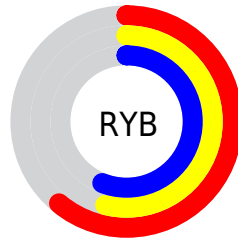
The XYZ color **27.8328, 27.2585, 30.1800** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.8758, 31.3829, 33.4440**, and the grayscale version is **26.5341, 27.9159, 30.4005**.

A 20% lighter version of the original color is **55.6878, 55.1877, 61.1433**, and **11.3358, 10.7909, 12.0751** is the 20% darker color. If you saturate the color by 10%, you get **24.9948, 22.7965, 25.4908**, and if you desaturate by 10%, it is **31.0671, 32.3952, 35.3634**.

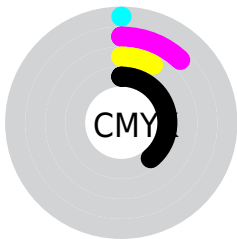
Distribution



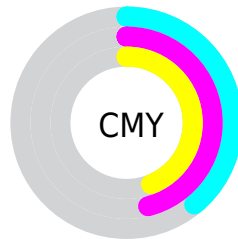
- Red (61%)
- Green (54%)
- Blue (56%)



- Red (61%)
- Yellow (54%)
- Blue (56%)



- Cyan (0%)
- Magenta (12%)
- Yellow (8%)
- Black (39%)



- Cyan (39%)
- Magenta (46%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.8328, 27.2585, 30.1800 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 27.8328, 27.2585, 30.1800 by changing the saturation by 10% instead.

■ 27.8328, 27.2585,
30.1800

■ 27.8328, 27.2585,
30.1800

283.7617,
288.9066, 316.9760

■ 18.3395, 17.7675,
19.7220

■ 55.6279, 55.2984,
61.0111

■ 11.2951, 10.7832,
12.0111

■ 74.6604, 74.6160,
82.2213

■ 6.3345, 5.9212,
6.6286

■ 97.6033, 97.9780,
107.8527

■ 3.0921, 2.7972,
3.1560

124.8220,
125.7687, 138.3238

■ 1.2026, 1.0268,
1.1748

156.6818,
158.3725, 174.0531

■ 0.1085, 0.0000,
0.0000

193.5481,

■ 0.0000, 0.0000,

196.1738, 215.4592

0.0000

235.7863,
239.5570, 262.9606

■ 27.8328, 27.2585,
30.1800

■ 27.8328, 27.2585,
30.1800

■ 24.9948, 22.7965,
25.4908

■ 31.0671, 32.3952,
35.3634

■ 22.5352, 18.9775,
21.2791

■ 34.7101, 38.2294,
41.0536

■ 20.4381, 15.7727,
17.5298

■ 38.7765, 44.7872,
47.2646

■ 18.6855, 13.1496,
14.2264

■ 43.2797, 52.0925,
54.0097

■ 17.2579, 11.0726,
11.3511

■ 48.2322, 60.1678,
61.3015

■ 16.1337, 9.5025,
8.8851

■ 53.6464, 69.0349,
69.1522

■ 15.2884, 8.3945,
6.8076

■ 59.5337, 78.7146,
77.5736

■ 14.6936, 7.6957,
5.0959

■ 63.3652, 84.1459,
85.7303

■ 14.3299, 7.3158,
3.9037

■ 64.8467, 84.7385,
93.5318

Harmonies

Analogous

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



27.4792, 27.2585, 32.9114



27.8328, 27.2585, 30.1800



27.6602, 27.2585, 27.4773

Triad

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



27.8328, 27.2585, 30.1800



25.1274, 27.2585, 25.0373



24.8339, 27.2585, 34.3128

Complementary

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



27.8328, 27.2585, 30.1800



27.8758, 31.3829, 33.4440

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.



24.2321, 27.2585, 31.9971



27.8328, 27.2585, 30.1800



24.3986, 27.2585, 26.6671

Square

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



27.8328, 27.2585, 30.1800



26.0824, 27.2585, 24.6181



24.0748, 27.2585, 29.1853



25.7351, 27.2585, 35.3918

Rectangle

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



27.8328, 27.2585, 30.1800



27.2722, 27.2585, 26.0380



24.0748, 27.2585, 29.1853



24.5908, 27.2585, 33.6464

Sweetspot

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



27.8336, 27.2597, 30.1806



55.4844, 57.3371, 62.7370



27.6678, 27.0626, 35.2181



12.1052, 12.4514, 13.6399



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



27.8336, 27.2597, 30.1806



49.0700, 47.1698, 52.3936



27.8235, 27.9538, 27.9754



6.7197, 6.6808, 7.3750



11.8181, 6.0318, 3.2930



0.2299, 0.1153, 0.1565

Inverse Universe

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



27.8336, 27.2597, 30.1806



49.0700, 47.1698, 52.3936



27.8741, 30.5868, 35.8875



6.7197, 6.6808, 7.3750



11.8181, 6.0318, 3.2930



0.2299, 0.1153, 0.1565

Previews

White Background



This preview shows how the XYZ color 27.8328, 27.2585, 30.1800 looks on a white background.

Color Contrast Check

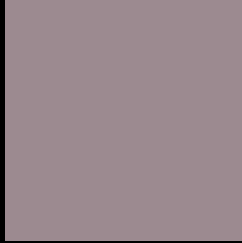
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.8328, 27.2585, 30.1800 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 × Fail

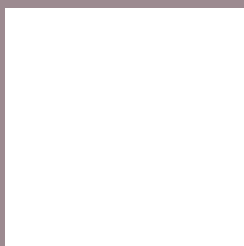
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.8328, 27.2585, 30.1800

Background



This preview shows how black text looks on a background with the XYZ color 27.8328, 27.2585, 30.1800.



This preview shows how white text looks on a background with the XYZ color 27.8328, 27.2585,

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

27.8328, 27.2585, 30.1800

Protanopia

26.3629, 27.3506, 31.0839

Deuteranopia

27.8328, 27.2585, 30.1800



Tritanopia

28.1956, 27.1975, 31.7806

Trichromacy



Original Color

27.8328, 27.2585, 30.1800

Protanomaly

26.8485, 27.3900, 30.6598

Deuteranomaly

27.8328, 27.2585, 30.1800

Tritanomaly

28.1167, 27.1660, 31.3654

Monochromacy



Original Color

27.8328, 27.2585, 30.1800

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.9198, 27.6555, 30.3048

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.8328, 27.2585, 30.1800 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(156, 138, 144)` looks like.

```
.text, #text, p{  
    color:rgb(156, 138, 144)  
}
```

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(156, 138, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 138, 144) }
```

Border

The CSS property to change the border of an element to XYZ 27.8328, 27.2585, 30.1800 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(156, 138, 144) }
```


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

```
.border{ border-color:rgb(156, 138, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 138, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 138, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 138, 144);  
box-shadow:4px 4px 4px 4px rgb(156, 138,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 27.8328, 27.2585, 30.1800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 138, 144) }
```

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

```
.background{ background-color: rgb(156,  
138, 144) }
```

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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