

Converting Colors

XYZ(25.8972, 30.0904, 28.3817)

Have a look what the booklet for
XYZ(25.8972, 30.0904, 28.3817)
contains.

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Color

**XYZ(25.8159, 29.9327,
28.4617)**

Conversions

Conversions Part 1

Format	Color
Hex	859A8A
RGB	133, 154, 138
RGB Percent	52%, 60%, 54%
CMY	0.4784, 0.3961, 0.4588
CMYK	0.14, 0.00, 0.10, 0.40
HSL	134°, 9%, 56%
HSV	134°, 14%, 60%
XYZ	25.8159, 29.9327, 28.4617
YIQ	145.8970, -7.3800, -9.4280

Conversions

Conversions Part 2

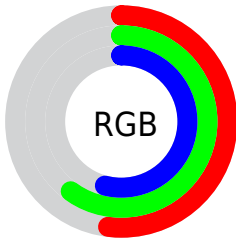
Format	Color
RYB	133, 150, 154
Decimal	8755850
CIELab	61.60, -10.66, 5.91
CIElCh	62, 12.187, 151.001
Yxy	29.9327, 0.3066, 0.3555
Android (android.graphics.Color)	4286945930 (0xFF859A8A)
YUV	145.8970, -3.8932, -11.3107
Hunter-Lab	54.7108, -11.5166, 7.4536

Details

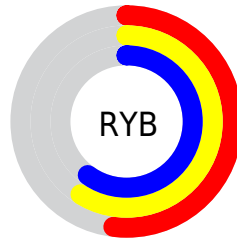
The XYZ color **25.8159, 29.9327, 28.4617** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.1398, 25.8157, 31.9876**, and the grayscale version is **27.2977, 28.7193, 31.2753**.

A 20% lighter version of the original color is **52.2095, 59.3124, 57.9869**, and **10.1790, 12.2441, 11.0594** is the 20% darker color. If you saturate the color by 10%, you get **22.7564, 28.4493, 24.1211**, and if you desaturate by 10%, it is **29.3253, 31.6392, 33.3038**.

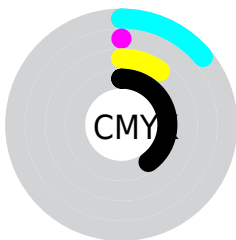
Distribution



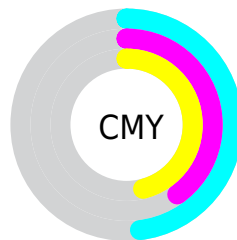
- Red (52%)
- Green (60%)
- Blue (54%)



- Red (52%)
- Yellow (59%)
- Blue (60%)



- Cyan (14%)
- Magenta (0%)
- Yellow (10%)
- Black (40%)



- Cyan (48%)
- Magenta (40%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8159, 29.9327, 28.4617 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 25.8159, 29.9327, 28.4617 by changing the saturation by 10% instead.

■ 25.8159, 29.9327,
28.4617

■ 25.8159, 29.9327,
28.4617

274.1505,
301.5906, 308.6476

■ 16.8179, 19.7875,
18.4319

■ 52.4112, 59.5557,
58.2527

■ 10.1993, 12.2407,
11.0879

■ 70.7393, 79.8024,
78.8509

■ 5.5945, 6.9078,
6.0111

■ 92.9081, 104.1849,
103.8091

■ 2.6384, 3.4045,
2.7829

119.2829,
133.0878, 133.5458

■ 0.9656, 1.3464,
0.9849

150.2293,
166.8955, 168.4794

■ 0.0000, 0.1767,
0.0000

186.1124,

■ 0.0000, 0.0000,

205.9922, 209.0285

0.0000

227.2977,
250.7625, 255.6118

■ 25.8159, 29.9327,
28.4617

■ 25.8159, 29.9327,
28.4617

■ 22.7564, 28.4493,
24.1211

■ 29.3253, 31.6392,
33.3038

■ 20.1261, 27.1759,
20.2640

■ 33.2996, 33.5735,
38.6607

■ 17.9061, 26.1042,
16.8741

■ 37.7558, 35.7451,
44.5477

■ 16.0753, 25.2235,
13.9338

■ 42.7095, 38.1616,
50.9788

■ 14.6104, 24.5224,
11.4239

■ 48.1756, 40.8305,
57.9676

■ 13.4859, 23.9880,
9.3241

■ 54.1683, 43.7587,
65.5271

■ 12.6725, 23.6057,
7.6124

■ 60.7013, 46.9532,
73.6699

■ 12.1359, 23.3584,
6.2647

■ 67.3435, 50.1913,
82.3873

■ 11.8848, 23.2438,
5.5829

■ 69.0655, 50.8801,
91.4555

Harmonies

Analogous

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



26.8782, 29.9327, 25.5379



25.8159, 29.9327, 28.4617



25.4526, 29.9327, 32.7475

Triad

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



25.8159, 29.9327, 28.4617



28.5045, 29.9327, 42.3324



31.1999, 29.9327, 28.2162

Complementary

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



25.8159, 29.9327, 28.4617



27.1398, 25.8157, 31.9876

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.



31.6742, 29.9327, 32.4363



25.8159, 29.9327, 28.4617



30.0821, 29.9327, 40.8375

Square

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



25.8159, 29.9327, 28.4617



26.9690, 29.9327, 41.0186



31.2577, 29.9327, 37.1029



29.9846, 29.9327, 25.4059

Rectangle

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



25.8159, 29.9327, 28.4617



25.6445, 29.9327, 35.8889



31.2577, 29.9327, 37.1029



31.4533, 29.9327, 29.5027

Sweetspot

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



25.8167, 29.9340, 28.4624



52.9696, 57.3266, 60.0873



28.2031, 31.2051, 26.7274



11.8805, 12.9226, 13.4517



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.



25.8167, 29.9340, 28.4624



45.3257, 53.6126, 49.4977



26.6064, 30.2499, 32.6209



6.1894, 6.9485, 6.9210



9.6947, 18.9413, 4.6127



0.1574, 0.2882, 0.1345

Inverse Universe

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



27.1398, 25.8157, 31.9876



48.1496, 44.8221, 57.0211



26.3459, 25.4982, 27.8068



6.3983, 6.2985, 7.4776



13.5039, 6.6558, 14.4442



0.2155, 0.1050, 0.2879

Previews

White Background



This preview shows how the XYZ color 25.8159, 29.9327, 28.4617 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 25.8159, 29.9327, 28.4617 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

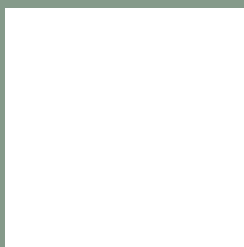
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.8159, 29.9327, 28.4617

Background



This preview shows how black text looks on a background with the XYZ color 25.8159, 29.9327, 28.4617.



This preview shows how white text looks on a background with the XYZ color 25.8159, 29.9327,

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

25.8159, 29.9327, 28.4617

Protanopia

28.2895, 29.7991, 27.1825

Deuteranopia

30.2820, 29.6454, 28.9370



Tritanopia

27.7445, 29.7397, 38.4605

Trichromacy



Original Color

25.8159, 29.9327, 28.4617

Protanomaly

27.2043, 29.7013, 27.5916

Deuteranomaly

28.4203, 29.6015, 28.6419

Tritanomaly

26.9697, 29.6674, 34.4419

Monochromacy



Original Color

25.8159, 29.9327, 28.4617

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.6899, 29.1408, 30.2046

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8159, 29.9327, 28.4617 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(133, 154, 138)` looks like.

```
.text, #text, p{  
    color:rgb(133, 154, 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(133, 154, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 154, 138) }
```

Border

The CSS property to change the border of an element to XYZ 25.8159, 29.9327, 28.4617 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(133, 154, 138) }
```


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

```
.border{ border-color:rgb(133, 154, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 154, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 154, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 154, 138);  
box-shadow:4px 4px 4px 4px rgb(133, 154,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8159, 29.9327, 28.4617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 154, 138) }
```

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

```
.background{ background-color: rgb(133,  
154, 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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