

Converting Colors

XYZ(25.8678, 26.2801, 29.3434)

Have a look what the booklet for
XYZ(25.8678, 26.2801, 29.3434)
contains.

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Color

**XYZ(25.8250, 26.2409,
29.2951)**

Conversions

Conversions Part 1

Format	Color
Hex	928A8E
RGB	146, 138, 142
RGB Percent	57%, 54%, 56%
CMY	0.4274, 0.4588, 0.4431
CMYK	0.00, 0.05, 0.03, 0.43
HSL	330°, 4%, 56%
HSV	330°, 5%, 57%
XYZ	25.8250, 26.2409, 29.2951
YIQ	140.8480, 3.4840, 2.9400

Conversions

Conversions Part 2

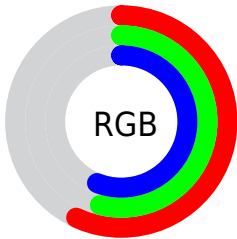
Format	Color
RYB	146, 138, 142
Decimal	9603726
CIELab	58.27, 3.74, -1.07
CIELCh	58, 3.888, 344.004
Yxy	26.2409, 0.3174, 0.3225
Android (android.graphics.Color)	4287793806 (0xFF928A8E)
YUV	140.8480, 0.5679, 4.5183
Hunter-Lab	51.2259, 0.3437, 1.9513

Details

The XYZ color **25.8250, 26.2409, 29.2951** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.6435, 27.9147, 29.6290**, and the grayscale version is **25.2554, 26.5706, 28.9354**.

A 20% lighter version of the original color is **52.4140, 53.5265, 59.7937**, and **10.2454, 10.2390, 11.5615** is the 20% darker color. If you saturate the color by 10%, you get **23.3393, 22.1181, 25.8499**, and if you desaturate by 10%, it is **28.6297, 30.9436, 33.0245**.

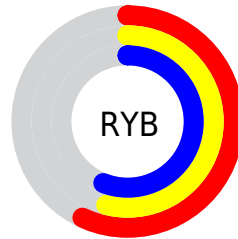
Distribution



Red (57%)

Green (54%)

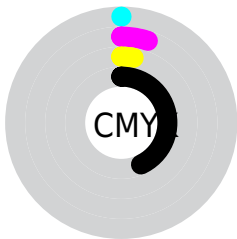
Blue (56%)



Red (57%)

Yellow (54%)

Blue (56%)

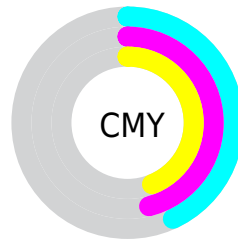


Cyan (0%)

Magenta (5%)

Yellow (3%)

Black (43%)



Cyan (43%)

Magenta (46%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8250, 26.2409, 29.2951 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 25.8250, 26.2409, 29.2951 by changing the saturation by 10% instead.

■ 25.8250, 26.2409,
29.2951

■ 25.8250, 26.2409,
29.2951

274.1944,
283.9626, 312.7092

■ 16.8248, 17.0039,
19.0567

■ 52.4258, 53.6633,
59.5934

■ 10.2042, 10.2373,
11.5340

■ 70.7571, 72.6176,
80.4903

■ 5.5978, 5.5566,
6.3086

■ 92.9294, 95.5797,
105.7772

■ 2.6404, 2.5774,
2.9618

119.3082,
122.9342, 135.8725

■ 0.9666, 0.9153,
1.0752

150.2587,
155.0653, 171.1948

■ 0.0000, 0.0000,
0.0000

186.1463,

192.3575, 212.1627

227.3365,
235.1951, 259.1946

■ 25.8250, 26.2409,
29.2951

■ 25.8250, 26.2409,
29.2951

■ 23.3393, 22.1181,
25.8499

■ 28.6297, 30.9436,
33.0245

■ 21.1586, 18.5491,
22.6798

■ 31.7624, 36.2440,
37.0435

■ 19.2710, 15.5110,
19.7778

■ 35.2344, 42.1636,
41.3593

■ 17.6629, 12.9780,
17.1359

■ 39.0560, 48.7216,
45.9783

■ 16.3198, 10.9221,
14.7454

■ 43.2367, 55.9364,
50.9069

■ 15.2257, 9.3123,
12.5972

■ 47.7860, 63.8258,
56.1512

■ 14.3626, 8.1143,
10.6813

■ 52.7128, 72.4068,
61.7169

■ 13.7102, 7.2885,
8.9868

■ 58.0259, 81.6958,
67.6099

■ 13.2403, 6.7802,
7.5001

■ 58.9648, 82.1713,
72.2461

Harmonies

Analogous

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



25.5779, 26.2409, 30.4851



25.8250, 26.2409, 29.2951



25.8334, 26.2409, 27.9467

Triad

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



25.8250, 26.2409, 29.2951



24.7219, 26.2409, 26.1203



24.2932, 26.2409, 30.4183

Complementary

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



25.8250, 26.2409, 29.2951



25.6435, 27.9147, 29.6290

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.



24.0698, 26.2409, 29.2063



25.8250, 26.2409, 29.2951



24.3152, 26.2409, 26.7404

Square

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



25.8250, 26.2409, 29.2951



25.1925, 26.2409, 26.1423



24.0778, 26.2409, 27.8607



24.6916, 26.2409, 31.1475

Rectangle

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



25.8250, 26.2409, 29.2951



25.7022, 26.2409, 27.1409



24.0778, 26.2409, 27.8607



24.1954, 26.2409, 30.0523

Sweetspot

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



25.8257, 26.2420, 29.2957



47.1950, 49.0273, 53.8843



25.4330, 26.0043, 30.8733



10.5133, 10.9305, 12.0062



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



25.8257, 26.2420, 29.2957



44.7908, 45.0132, 50.6345



25.5309, 26.1241, 27.7429



6.0264, 6.0470, 6.8093



11.5006, 5.8053, 6.1173



0.1556, 0.0770, 0.1531

Inverse Universe

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



25.8257, 26.2420, 29.2957



44.7908, 45.0132, 50.6345



25.9492, 28.0369, 31.2385



6.0264, 6.0470, 6.8093



11.5006, 5.8053, 6.1173



0.1556, 0.0770, 0.1531

Previews

White Background



This preview shows how the XYZ color 25.8250, 26.2409, 29.2951 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 25.8250, 26.2409, 29.2951 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

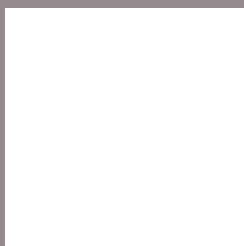
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.8250, 26.2409, 29.2951

Background



This preview shows how black text looks on a background with the XYZ color 25.8250, 26.2409, 29.2951.



This preview shows how white text looks on a background with the XYZ color 25.8250, 26.2409,

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

25.8250, 26.2409, 29.2951

Protanopia

25.3459, 26.1992, 29.7077

Deuteranopia

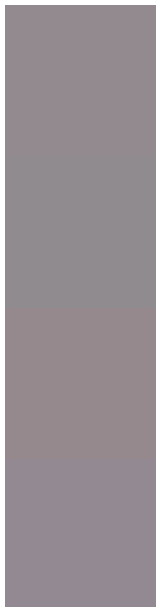
26.6355, 26.2367, 29.2515



Tritanopia

26.3236, 26.2325, 31.6929

Trichromacy



Original Color

25.8250, 26.2409, 29.2951

Protanomaly

25.5182, 26.2880, 29.7157

Deuteranomaly

26.4058, 26.3283, 29.2813

Tritanomaly

26.1666, 26.1697, 30.8663

Monochromacy



Original Color

25.8250, 26.2409, 29.2951

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.5135, 26.5189, 28.9733

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8250, 26.2409, 29.2951 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(146, 138, 142) looks like.

```
.text, #text, p{  
    color:rgb(146, 138, 142)  
}
```

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(146, 138, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 138, 142) }
```

Border

The CSS property to change the border of an element to XYZ 25.8250, 26.2409, 29.2951 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(146, 138, 142) }
```


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

```
.border{ border-color:rgb(146, 138, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 138, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 138, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 138, 142);  
box-shadow:4px 4px 4px 4px rgb(146, 138,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8250, 26.2409, 29.2951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 138, 142) }
```

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

```
.background{ background-color: rgb(146,  
138, 142) }
```

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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