

Converting Colors

XYZ(25.7828, 28.6090, 29.2340)

Have a look what the booklet for
XYZ(25.7828, 28.6090, 29.2340)
contains.

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Color

**XYZ(25.8717, 28.7363,
29.3824)**

Conversions

Conversions Part 1

Format	Color
Hex	89958D
RGB	137, 149, 141
RGB Percent	54%, 58%, 55%
CMY	0.4627, 0.4157, 0.4471
CMYK	0.08, 0.00, 0.05, 0.42
HSL	140°, 5%, 56%
HSV	140°, 8%, 58%
XYZ	25.8717, 28.7363, 29.3824
YIQ	144.5000, -4.5840, -5.0320

Conversions

Conversions Part 2

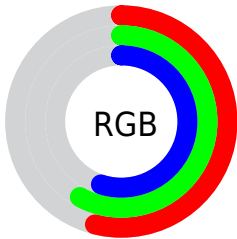
Format	Color
RYB	137, 146, 149
Decimal	9016717
CIELab	60.55, -5.91, 2.74
CIELCh	61, 6.512, 155.146
Yxy	28.7363, 0.3080, 0.3421
Android (android.graphics.Color)	4287206797 (0xFF89958D)
YUV	144.5000, -1.7255, -6.5775
Hunter-Lab	53.6062, -7.6624, 5.0266

Details

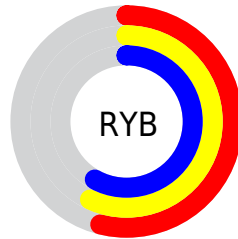
The XYZ color **25.8717, 28.7363, 29.3824** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.4520, 26.3260, 30.4767**, and the grayscale version is **26.7197, 28.1112, 30.6131**.

A 20% lighter version of the original color is **52.4415, 57.5992, 59.9835**, and **10.1865, 11.5169, 11.5836** is the 20% darker color. If you saturate the color by 10%, you get **22.8896, 27.2814, 25.5559**, and if you desaturate by 10%, it is **29.2591, 30.3941, 33.5753**.

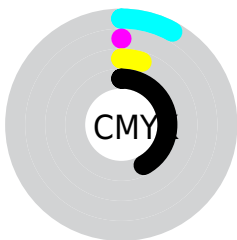
Distribution



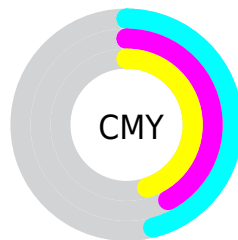
- Red (54%)
- Green (58%)
- Blue (55%)



- Red (54%)
- Yellow (57%)
- Blue (58%)



- Cyan (8%)
- Magenta (0%)
- Yellow (5%)
- Black (42%)



- Cyan (46%)
- Magenta (42%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8717, 28.7363, 29.3824 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 25.8717, 28.7363, 29.3824 by changing the saturation by 10% instead.

■ 25.8717, 28.7363,
29.3824

■ 25.8717, 28.7363,
29.3824

274.4200,
295.9687, 313.1322

■ 16.8599, 18.8814,
19.1222

■ 52.5007, 57.6579,
59.7335

■ 10.2293, 11.5846,
11.5809

■ 70.8485, 77.4933,
80.6615

■ 5.6147, 6.4615,
6.3399

■ 93.0391, 101.4244,
105.9826

■ 2.6507, 3.1277,
2.9808

119.4377,
129.8356, 136.1152

■ 0.9718, 1.1988,
1.0848

150.4097,
163.1112, 171.4779

■ 0.0000, 0.0607,
0.0000

186.3206,

■ 0.0000, 0.0000,

201.6357, 212.4893

0.0000

227.5355,
245.7934, 259.5679

■ 25.8717, 28.7363,
29.3824

■ 25.8717, 28.7363,
29.3824

■ 22.8896, 27.2814,
25.5559

■ 29.2591, 30.3941,
33.5753

■ 20.2948, 26.0179,
22.0840

■ 33.0641, 32.2585,
38.1421

■ 18.0718, 24.9388,
18.9573

■ 37.3012, 34.3376,
43.0924

■ 16.2028, 24.0352,
16.1649

■ 41.9837, 36.6382,
48.4349

■ 14.6686, 23.2973,
13.6958

■ 47.1243, 39.1664,
54.1783

■ 13.4481, 22.7146,
11.5379

■ 52.7352, 41.9286,
60.3305

■ 12.5177, 22.2752,
9.6787

■ 58.8279, 44.9304,
66.8996

■ 11.8502, 21.9652,
8.1046

■ 64.9695, 47.9486,
73.8726

■ 11.3949, 21.7589,
6.8000

■ 66.3288, 48.4923,
81.0303

Harmonies

Analogous

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



26.3926, 28.7363, 27.6526



25.8717, 28.7363, 29.3824



25.7338, 28.7363, 31.7062

Triad

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



25.8717, 28.7363, 29.3824



27.4583, 28.7363, 36.1322



28.6568, 28.7363, 28.6978

Complementary

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



25.8717, 28.7363, 29.3824



26.4520, 26.3260, 30.4767

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.



28.9555, 28.7363, 30.8753



25.8717, 28.7363, 29.3824



28.2546, 28.7363, 35.2309

Square

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



25.8717, 28.7363, 29.3824



26.6389, 28.7363, 35.6825



28.8068, 28.7363, 33.2762



27.9984, 28.7363, 27.2717

Rectangle

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



25.8717, 28.7363, 29.3824



25.8751, 28.7363, 33.2986



28.8068, 28.7363, 33.2762



28.8032, 28.7363, 29.3618

Sweetspot

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



25.8725, 28.7375, 29.3830



49.8913, 53.2031, 57.0545



26.9762, 29.3403, 27.9088



11.0741, 11.7991, 12.6657



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



25.8725, 28.7375, 29.3830



45.1246, 50.8728, 51.0920



26.3157, 28.9148, 31.7169



5.8046, 6.4984, 6.5818



9.5365, 18.2874, 5.6008



0.1293, 0.2289, 0.1350

Inverse Universe

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



26.4520, 26.3260, 30.4767



46.4204, 45.4800, 53.5374



26.0158, 26.1515, 28.1800



5.9540, 5.8767, 6.8637



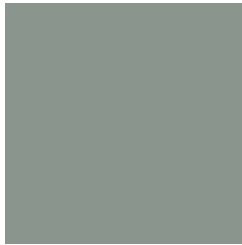
12.3551, 6.1471, 10.6167



0.1649, 0.0807, 0.2022

Previews

White Background



This preview shows how the XYZ color 25.8717, 28.7363, 29.3824 looks on a white background.

Color Contrast Check

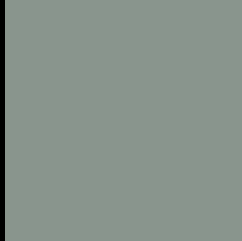
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8717, 28.7363, 29.3824 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

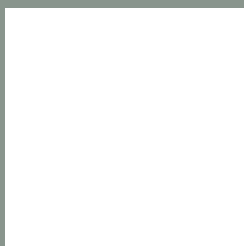
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.8717, 28.7363, 29.3824

Background



This preview shows how black text looks on a background with the XYZ color 25.8717, 28.7363, 29.3824.



This preview shows how white text looks on a background with the XYZ color 25.8717, 28.7363,

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

25.8717, 28.7363, 29.3824

Protanopia

27.3633, 28.5989, 28.5040

Deuteranopia

29.1807, 28.6100, 29.9709



Tritanopia

27.2657, 28.6018, 36.4314

Trichromacy



Original Color

25.8717, 28.7363, 29.3824

Protanomaly

26.6896, 28.4710, 28.8997

Deuteranomaly

27.8046, 28.5749, 29.6412

Tritanomaly

26.7487, 28.6234, 33.8208

Monochromacy



Original Color

25.8717, 28.7363, 29.3824

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.4683, 28.3222, 30.4573

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8717, 28.7363, 29.3824 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(137, 149, 141)` looks like.

```
.text, #text, p{  
    color:rgb(137, 149, 141)  
}
```

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(137, 149, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 149, 141) }
```

Border

The CSS property to change the border of an element to XYZ 25.8717, 28.7363, 29.3824 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(137, 149, 141) }
```


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

```
.border{ border-color:rgb(137, 149, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 149, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 149, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 149, 141);  
box-shadow:4px 4px 4px 4px rgb(137, 149,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8717, 28.7363, 29.3824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 149, 141) }
```

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

```
.background{ background-color: rgb(137,  
149, 141) }
```

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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