

Converting Colors

XYZ(25.8211, 28.6582, 28.7329)

Have a look what the booklet for
XYZ(25.8211, 28.6582, 28.7329)
contains.

XYZ(25.8889, 28.7622, 28.6133)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.8889, 28.7622,
28.6133)**

Conversions

Conversions Part 1

Format	Color
Hex	8A958B
RGB	138, 149, 139
RGB Percent	54%, 58%, 55%
CMY	0.4588, 0.4157, 0.4549
CMYK	0.07, 0.00, 0.07, 0.42
HSL	125°, 5%, 56%
HSV	125°, 7%, 58%
XYZ	25.8889, 28.7622, 28.6133
YIQ	144.5710, -3.3460, -5.4420

Conversions

Conversions Part 2

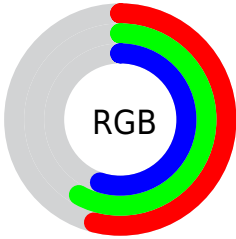
Format	Color
R_{YB}	138, 148, 149
Decimal	9082251
CIE _{Lab}	60.57, -5.94, 3.91
CIE _{LCh}	61, 7.111, 146.599
Yxy	28.7622, 0.3109, 0.3454
Android (android.graphics.Color)	4287272331 (0xFF8A958B)
YUV	144.5710, -2.7465, -5.7628
Hunter-Lab	53.6304, -7.6862, 5.9084

Details

The XYZ color **25.8889, 28.7622, 28.6133** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.8292, 26.7054, 31.7590**, and the grayscale version is **26.7521, 28.1453, 30.6502**.

A 20% lighter version of the original color is **52.3562, 57.5940, 58.2265**, and **10.1954, 11.5313, 11.1396** is the 20% darker color. If you saturate the color by 10%, you get **22.6616, 27.2067, 23.6118**, and if you desaturate by 10%, it is **29.5787, 30.5436, 34.2779**.

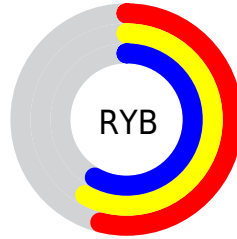
Distribution



Red (54%)

Green (58%)

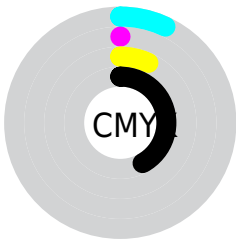
Blue (55%)



Red (54%)

Yellow (58%)

Blue (58%)

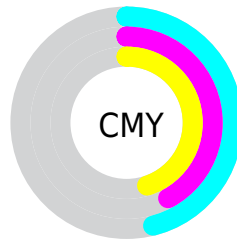


Cyan (7%)

Magenta (0%)

Yellow (7%)

Black (42%)



Cyan (46%)

Magenta (42%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8889, 28.7622, 28.6133 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 25.8889, 28.7622, 28.6133 by changing the saturation by 10% instead.

■ 25.8889, 28.7622,
28.6133

■ 25.8889, 28.7622,
28.6133

274.5030,
296.0913, 309.3896

■ 16.8728, 18.9010,
18.5454

■ 52.5282, 57.6991,
58.4970

■ 10.2386, 11.5988,
11.1688

■ 70.8822, 77.5435,
79.1498

■ 5.6209, 6.4711,
6.0649

■ 93.0794, 101.4845,
104.1681

■ 2.6544, 3.1336,
2.8152

119.4854,
129.9064, 133.9704

■ 0.9738, 1.2019,
1.0010

150.4653,
163.1936, 168.9751

■ 0.0000, 0.0632,
0.0000

186.3847,

■ 0.0000, 0.0000,

201.7306, 209.6008

0.0000

227.6088,
245.9017, 256.2662

■ 25.8889, 28.7622,
28.6133

■ 25.8889, 28.7622,
28.6133

■ 22.6616, 27.2067,
23.6118

■ 29.5787, 30.5436,
34.2779

■ 19.8763, 25.8645,
19.2475

■ 33.7458, 32.5556,
40.6266

■ 17.5144, 24.7275,
15.4951

■ 38.4072, 34.8073,
47.6819

■ 15.5552, 23.7855,
12.3275

■ 43.5784, 37.3063,
55.4647

■ 13.9760, 23.0276,
9.7151

■ 49.2743, 40.0597,
63.9949

■ 12.7521, 22.4417,
7.6259

■ 55.5090, 43.0745,
73.2917

■ 11.8558, 22.0141,
6.0248

■ 62.2962, 46.3573,
83.3737

■ 11.2551, 21.7294,
4.8721

■ 68.8336, 49.4942,
94.2206

■ 10.8986, 21.5618,
4.1213

■ 70.0380, 49.9759,
100.5627

Harmonies

Analogous

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



26.5541, 28.7622, 27.0069



25.8889, 28.7622, 28.6133



25.6115, 28.7622, 31.0179

Triad

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



25.8889, 28.7622, 28.6133



27.2329, 28.7622, 36.6450



28.9481, 28.7622, 29.1056

Complementary

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



25.8889, 28.7622, 28.6133



26.8292, 26.7054, 31.7590

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.



29.1396, 28.7622, 31.6183



25.8889, 28.7622, 28.6133



28.1364, 28.7622, 36.0632

Square

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



25.8889, 28.7622, 28.6133



26.3764, 28.7622, 35.7345



28.8394, 28.7622, 34.1862



28.3218, 28.7622, 27.2797

Rectangle

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



25.8889, 28.7622, 28.6133



25.6791, 28.7622, 32.7851



28.8394, 28.7622, 34.1862



29.0661, 28.7622, 29.8937

Sweetspot

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



25.8897, 28.7634, 28.6139



49.7880, 53.1618, 56.5108



27.5639, 29.6349, 28.3126



11.0527, 11.7905, 12.5527



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.



25.8897, 28.7634, 28.6139



45.2630, 50.9786, 49.5438



26.2956, 28.9258, 30.7511



5.7497, 6.4765, 6.2930



9.1151, 18.1188, 3.3814



0.1158, 0.2235, 0.0636

Inverse Universe

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



26.8292, 26.7054, 31.7590



47.3307, 46.4494, 56.4651



26.4103, 26.5378, 29.5526



6.0128, 5.9002, 7.1737



14.1452, 6.8631, 20.0432



0.1785, 0.0861, 0.2735

Previews

White Background



This preview shows how the XYZ color 25.8889, 28.7622, 28.6133 looks on a white background.

Color Contrast Check

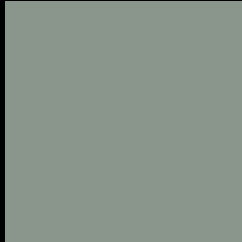
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8889, 28.7622, 28.6133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

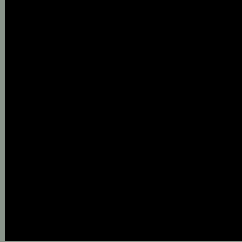
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.8889, 28.7622, 28.6133

Background



This preview shows how black text looks on a background with the XYZ color 25.8889, 28.7622, 28.6133.



This preview shows how white text looks on a background with the XYZ color 25.8889, 28.7622,

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

25.8889, 28.7622, 28.6133

Protanopia

27.4033, 28.6363, 27.7500

Deuteranopia

29.2329, 28.6542, 29.1894



Tritanopia

27.4349, 28.6891, 36.4393

Trichromacy



Original Color

25.8889, 28.7622, 28.6133

Protanomaly

26.7204, 28.5037, 28.1382

Deuteranomaly

27.8438, 28.6123, 28.8661

Tritanomaly

26.8348, 28.6773, 33.3991

Monochromacy



Original Color

25.8889, 28.7622, 28.6133

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.3921, 28.2917, 30.0564

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8889, 28.7622, 28.6133 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(138, 149, 139)` looks like.

```
.text, #text, p{  
    color:rgb(138, 149, 139)  
}
```

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(138, 149, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 149, 139) }
```

Border

The CSS property to change the border of an element to XYZ 25.8889, 28.7622, 28.6133 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(138, 149, 139) }
```


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

```
.border{ border-color:rgb(138, 149, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 149, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 149, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 149, 139);  
box-shadow:4px 4px 4px 4px rgb(138, 149,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8889, 28.7622, 28.6133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 149, 139) }
```

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

```
.background{ background-color: rgb(138,  
149, 139) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor