

Converting Colors

XYZ(26.4797, 27.6915, 25.0412)

Have a look what the booklet for
XYZ(26.4797, 27.6915, 25.0412)
contains.

XYZ(26.6142, 27.8359, 25.0892)	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(26.6142, 27.8359,
25.0892)**

Conversions

Conversions Part 1

Format	Color
Hex	978F82
RGB	151, 143, 130
RGB Percent	59%, 56%, 51%
CMY	0.4078, 0.4392, 0.4902
CMYK	0.00, 0.05, 0.14, 0.41
HSL	37°, 9%, 55%
HSV	37°, 14%, 59%
XYZ	26.6142, 27.8359, 25.0892
YIQ	143.9100, 8.9410, -2.3470

Conversions

Conversions Part 2

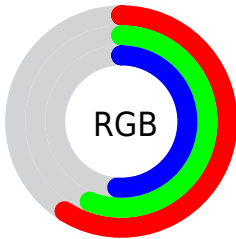
Format	Color
R_{YB}	143, 151, 130
Decimal	9932674
CIE Lab	59.74, 0.64, 7.97
CIE LCh	60, 7.999, 85.378
Yxy	27.8359, 0.3346, 0.3500
Android (android.graphics.Color)	4288122754 (0xFF978F82)
YUV	143.9100, -6.8576, 6.2179
Hunter-Lab	52.7597, -2.2867, 8.7372

Details

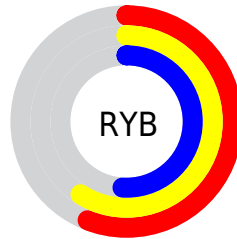
The XYZ color **26.6142, 27.8359, 25.0892** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.8802, 25.1566, 32.8755**, and the grayscale version is **26.4978, 27.8778, 30.3589**.

A 20% lighter version of the original color is **53.6903, 56.3305, 52.8428**, and **10.6551, 11.1321, 9.3717** is the 20% darker color. If you saturate the color by 10%, you get **24.8331, 25.7783, 19.8567**, and if you desaturate by 10%, it is **28.5898, 30.0439, 31.1212**.

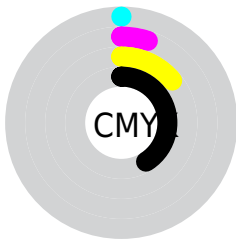
Distribution



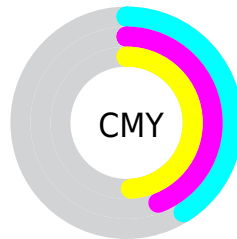
- Red (59%)
- Green (56%)
- Blue (51%)



- Red (56%)
- Yellow (59%)
- Blue (51%)



- Cyan (0%)
- Magenta (5%)
- Yellow (14%)
- Black (41%)



- Cyan (41%)
- Magenta (44%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6142, 27.8359, 25.0892 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 26.6142, 27.8359, 25.0892 by changing the saturation by 10% instead.

■ 26.6142, 27.8359,
25.0892

■ 26.6142, 27.8359,
25.0892

277.9860,
291.6820, 291.7438

■ 17.4188, 18.2020,
15.9239

■ 53.6884, 56.2223,
52.7678

■ 10.6307, 11.0951,
9.3165

■ 72.2979, 75.7437,
72.1182

■ 5.8845, 6.1308,
4.8486

■ 94.7762, 99.3296,
95.7007

■ 2.8150, 2.9248,
2.1015

121.4885,
127.3645, 123.9338

■ 1.0567, 1.0926,
0.6167

152.8003,
160.2328, 157.2362

■ 0.0000, 0.0000,
0.0000

189.0769,

198.3189, 196.0263

230.6837,
242.0071, 240.7226

■ 26.6142, 27.8359,
25.0892

■ 26.6142, 27.8359,
25.0892

■ 24.8331, 25.7783,
19.8567

■ 28.5898, 30.0439,
31.1212

■ 23.2373, 23.8637,
15.3875

■ 30.7644, 32.4025,
37.9829

■ 21.8197, 22.0891,
11.6457

■ 33.1451, 34.9163,
45.7053

■ 20.5723, 20.4501,
8.5915

■ 35.7379, 37.5888,
54.3172

■ 19.4861, 18.9421,
6.1812

■ 38.5486, 40.4233,
63.8461

■ 18.5512, 17.5598,
4.3661

■ 41.5828, 43.4229,
74.3183

■ 17.7562, 16.2978,
3.0906

■ 44.8458, 46.5907,
85.7589

■ 17.0878, 15.1492,
2.2877

■ 48.3428, 49.9296,
98.1922

■ 16.7208, 14.4957,
1.9167

■ 50.2731, 52.7204,
102.1341

Harmonies

Analogous

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



27.5775, 27.8359, 25.9524



26.6142, 27.8359, 25.0892



25.6324, 27.8359, 25.5499

Triad

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



26.6142, 27.8359, 25.0892



24.7388, 27.8359, 32.7588



28.0900, 27.8359, 33.5843

Complementary

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



26.6142, 27.8359, 25.0892



23.8802, 25.1566, 32.8755

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.



27.2995, 27.8359, 35.6242



26.6142, 27.8359, 25.0892



25.3676, 27.8359, 35.1267

Square

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



26.6142, 27.8359, 25.0892



24.5658, 27.8359, 29.8620



26.3008, 27.8359, 36.2058



28.4433, 27.8359, 30.7596

Rectangle

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



26.6142, 27.8359, 25.0892



25.0970, 27.8359, 26.5623



26.3008, 27.8359, 36.2058



27.8656, 27.8359, 34.3915

Sweetspot

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



26.6150, 27.8371, 25.0898



51.1362, 53.7339, 55.5343



25.3365, 24.3813, 27.4348



11.5631, 12.1474, 12.4376



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



26.6150, 27.8371, 25.0898



46.5298, 48.5571, 41.5565



27.4086, 30.0925, 25.4833



6.5112, 6.8274, 6.5805



14.2527, 12.3879, 1.6399



0.2480, 0.2551, 0.0362

Inverse Universe

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



23.8802, 25.1566, 32.8755



40.5649, 42.7109, 58.5397



23.1551, 23.1419, 32.5248



6.0677, 6.3927, 7.8431



6.0439, 4.4845, 25.4547



0.1237, 0.1338, 0.3917

Previews

White Background



This preview shows how the XYZ color 26.6142, 27.8359, 25.0892 looks on a white background.

Color Contrast Check

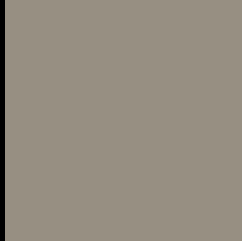
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6142, 27.8359, 25.0892 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

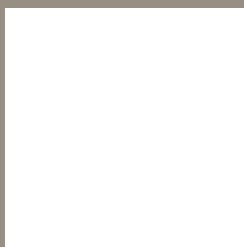
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.6142, 27.8359, 25.0892

Background



This preview shows how black text looks on a background with the XYZ color 26.6142, 27.8359, 25.0892.

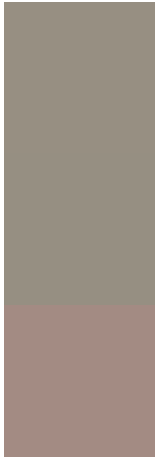


This preview shows how white text looks on a background with the XYZ color 26.6142, 27.8359,

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

26.6142, 27.8359, 25.0892

Protanopia

26.4294, 27.7407, 25.0806

Deuteranopia

28.4336, 27.8905, 25.3575



Tritanopia

28.2904, 27.8606, 33.1647

Trichromacy



Original Color

26.6142, 27.8359, 25.0892

Protanomaly

26.4294, 27.7407, 25.0806

Deuteranomaly

27.7729, 27.7658, 25.3683

Tritanomaly

27.6197, 27.8052, 29.8978

Monochromacy



Original Color

26.6142, 27.8359, 25.0892

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.6661, 28.0136, 28.4278

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6142, 27.8359, 25.0892 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(151, 143, 130)` looks like.

```
.text, #text, p{  
    color:rgb(151, 143, 130)  
}
```

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(151, 143, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 143, 130) }
```

Border

The CSS property to change the border of an element to XYZ 26.6142, 27.8359, 25.0892 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(151, 143, 130) }
```


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

```
.border{ border-color:rgb(151, 143, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 143, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 143, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 143, 130);  
box-shadow:4px 4px 4px 4px rgb(151, 143,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6142, 27.8359, 25.0892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 143, 130) }
```

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

```
.background{ background-color: rgb(151,  
143, 130) }
```

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