

Converting Colors

XYZ(25.4559, 26.9382, 28.1359)

Have a look what the booklet for
XYZ(25.4559, 26.9382, 28.1359)
contains.

XYZ(25.4885, 26.9609, 28.2867)	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(25.4885, 26.9609,
28.2867)**

Conversions

Conversions Part 1

Format	Color
Hex	8E8E8B
RGB	142, 142, 139
RGB Percent	56%, 56%, 55%
CMY	0.4431, 0.4431, 0.4549
CMYK	0.00, 0.00, 0.02, 0.44
HSL	60°, 1%, 55%
HSV	60°, 2%, 56%
XYZ	25.4885, 26.9609, 28.2867
YIQ	141.6580, 0.9630, -0.9330

Conversions

Conversions Part 2

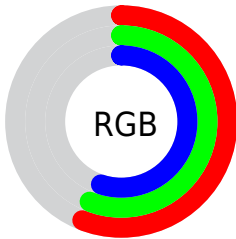
Format	Color
R _Y B	139, 142, 139
Decimal	9342603
CIE Lab	58.94, -0.58, 1.59
CIE LCh	59, 1.689, 109.962
Yxy	26.9609, 0.3157, 0.3339
Android (android.graphics.Color)	4287532683 (0xFF8E8E8B)
YUV	141.6580, -1.3104, 0.2999
Hunter-Lab	51.9239, -3.2444, 4.0472

Details

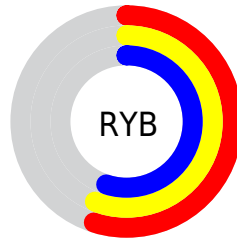
The XYZ color **25.4885, 26.9609, 28.2867** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.7637, 25.9080, 29.2882**, and the grayscale version is **25.5815, 26.9137, 29.3090**.

A 20% lighter version of the original color is **52.0193, 55.0214, 57.7477**, and **10.0440, 10.6509, 10.9776** is the 20% darker color. If you saturate the color by 10%, you get **24.5153, 26.5722, 23.1722**, and if you desaturate by 10%, it is **26.5981, 27.4059, 34.1123**.

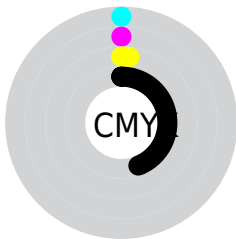
Distribution



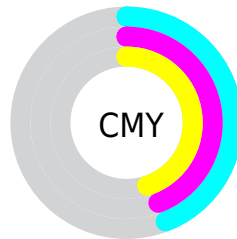
- Red (56%)
- Green (56%)
- Blue (55%)



- Red (55%)
- Yellow (56%)
- Blue (55%)



- Cyan (0%)
- Magenta (0%)
- Yellow (2%)
- Black (44%)



- Cyan (44%)
- Magenta (44%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4885, 26.9609, 28.2867 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 25.4885, 26.9609, 28.2867 by changing the saturation by 10% instead.

■ 25.4885, 26.9609,
28.2867

■ 25.4885, 26.9609,
28.2867

272.5650,
287.4678, 307.7893

■ 16.5720, 17.5439,
18.3010

■ 51.8858, 54.8211,
57.9704

■ 10.0232, 10.6230,
10.9946

■ 70.0974, 74.0331,
78.5055

■ 5.4768, 5.8139,
5.9491

■ 92.1380, 97.2788,
103.3942

■ 2.5672, 2.7323,
2.7459

118.3731,
124.9427, 133.0549

■ 0.9293, 0.9936,
0.9664

149.1680,
157.4092, 167.9062

■ 0.0000, 0.0000,
0.0000

184.8881,

195.0625, 208.3667

225.8986,
238.2873, 254.8549

■ 25.4885, 26.9609,
28.2867

■ 25.4885, 26.9609,
28.2867

■ 24.5153, 26.5722,
23.1722

■ 26.5981, 27.4059,
34.1123

■ 23.6710, 26.2341,
18.7399

■ 27.8465, 27.9056,
40.6729

■ 22.9508, 25.9458,
14.9615

■ 29.2394, 28.4630,
47.9936

■ 22.3490, 25.7047,
11.8061

■ 30.7809, 29.0800,
56.0975

■ 21.8591, 25.5085,
9.2402

■ 32.4754, 29.7581,
65.0070

■ 21.4742, 25.3542,
7.2273

■ 34.3270, 30.4990,
74.7434

■ 21.1867, 25.2389,
5.7268

■ 36.3395, 31.3043,
85.3273

■ 20.9876, 25.1590,
4.6924

■ 38.5168, 32.1755,
96.7786

■ 20.8667, 25.1103,
4.0696

■ 38.9028, 32.3302,
98.7977

Harmonies

Analogous

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



25.6957, 26.9609, 28.2364



25.4885, 26.9609, 28.2867



25.3189, 26.9609, 28.6212

Triad

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



25.4885, 26.9609, 28.2867



25.3677, 26.9609, 30.2464



26.0235, 26.9609, 29.5570

Complementary

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



25.4885, 26.9609, 28.2867



24.7637, 25.9080, 29.2882

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.



25.9346, 26.9609, 30.1029



25.4885, 26.9609, 28.2867



25.5555, 26.9609, 30.5044

Square

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



25.4885, 26.9609, 28.2867



25.2494, 26.9609, 29.7507



25.7630, 26.9609, 30.4516



26.0053, 26.9609, 28.9645

Rectangle

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



25.4885, 26.9609, 28.2867



25.2496, 26.9609, 28.9630



25.7630, 26.9609, 30.4516



26.0051, 26.9609, 29.7522

Sweetspot

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



25.4893, 26.9621, 28.2873



45.1476, 47.6234, 50.9409



25.0490, 26.0808, 28.1404



10.0867, 10.6380, 11.3926



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



25.4893, 26.9621, 28.2873



44.7727, 47.4734, 48.9714



25.2339, 26.8304, 28.2753



5.9666, 6.3362, 6.4648



18.6771, 22.5210, 3.3626



0.1787, 0.2154, 0.0322

Inverse Universe

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



24.7637, 25.9080, 29.2882



42.9311, 44.7979, 51.5120



25.0156, 26.0379, 29.3000



5.6726, 5.9091, 6.8704



4.3856, 1.7544, 23.0846



0.0420, 0.0168, 0.2207

Previews

White Background



This preview shows how the XYZ color 25.4885, 26.9609, 28.2867 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 25.4885, 26.9609, 28.2867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

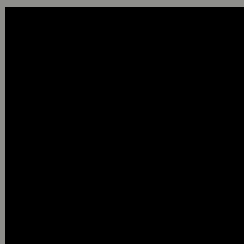
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

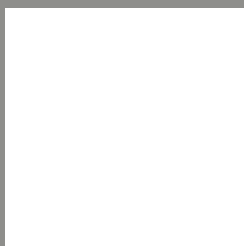
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.4885, 26.9609, 28.2867

Background



This preview shows how black text looks on a background with the XYZ color 25.4885, 26.9609, 28.2867.



This preview shows how white text looks on a background with the XYZ color 25.4885, 26.9609,

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

25.4885, 26.9609, 28.2867

Protanopia

25.7894, 26.9045, 27.8786

Deuteranopia

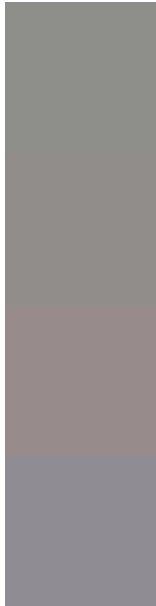
27.3896, 26.8527, 28.5504



Tritanopia

26.4656, 26.9198, 33.0793

Trichromacy



Original Color

25.4885, 26.9609, 28.2867

Protanomaly

25.6139, 26.8140, 27.8704

Deuteranomaly

26.7287, 26.9380, 28.6017

Tritanomaly

26.1190, 26.9960, 31.4379

Monochromacy



Original Color

25.4885, 26.9609, 28.2867

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.6360, 27.0199, 29.0635

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4885, 26.9609, 28.2867 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(142, 142, 139)` looks like.

```
.text, #text, p{  
    color:rgb(142, 142, 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(142, 142, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 142, 139) }
```

Border

The CSS property to change the border of an element to XYZ 25.4885, 26.9609, 28.2867 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(142, 142, 139) }
```


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

```
.border{ border-color:rgb(142, 142, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 142, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 142, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 142, 139);  
box-shadow:4px 4px 4px 4px rgb(142, 142,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4885, 26.9609, 28.2867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 142, 139) }
```

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

```
.background{ background-color: rgb(142,  
142, 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