

Converting Colors

XYZ(25.7729, 26.8875, 25.9792)

Have a look what the booklet for
XYZ(25.7729, 26.8875, 25.9792)
contains.

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Color

**XYZ(25.7911, 26.9463,
26.0321)**

Conversions

Conversions Part 1

Format	Color
Hex	938D85
RGB	147, 141, 133
RGB Percent	58%, 55%, 52%
CMY	0.4235, 0.4470, 0.4784
CMYK	0.00, 0.04, 0.10, 0.42
HSL	34°, 6%, 55%
HSV	34°, 10%, 58%
XYZ	25.7911, 26.9463, 26.0321
YIQ	141.8820, 6.1440, -1.2160

Conversions

Conversions Part 2

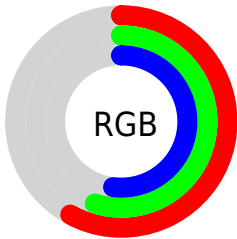
Format	Color
R_YB	144, 147, 133
Decimal	9670021
CIE Lab	58.92, 0.75, 5.05
CIE LCh	59, 5.105, 81.524
Yxy	26.9463, 0.3274, 0.3421
Android (android.graphics.Color)	4287860101 (0xFF938D85)
YUV	141.8820, -4.3788, 4.4885
Hunter-Lab	51.9098, -2.1555, 6.6037

Details

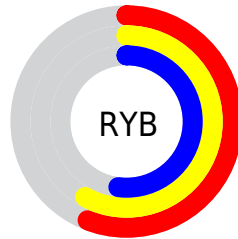
The XYZ color **25.7911, 26.9463, 26.0321** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.1717, 25.5577, 31.2630**, and the grayscale version is **25.6802, 27.0176, 29.4221**.

A 20% lighter version of the original color is **52.4654, 54.9929, 54.3038**, and **10.1652, 10.6091, 9.8995** is the 20% darker color. If you saturate the color by 10%, you get **23.9438, 24.7647, 20.7516**, and if you desaturate by 10%, it is **27.8348, 29.2927, 32.0801**.

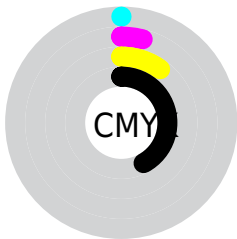
Distribution



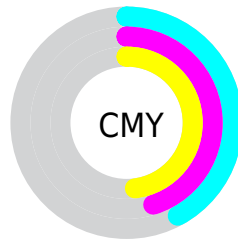
- Red (58%)
- Green (55%)
- Blue (52%)



- Red (56%)
- Yellow (58%)
- Blue (52%)



- Cyan (0%)
- Magenta (4%)
- Yellow (10%)
- Black (42%)



- Cyan (42%)
- Magenta (45%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7911, 26.9463, 26.0321 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 25.7911, 26.9463, 26.0321 by changing the saturation by 10% instead.

■ 25.7911, 26.9463,
26.0321

■ 25.7911, 26.9463,
26.0321

274.0306,
287.3970, 296.5501

■ 16.7993, 17.5329,
16.6217

■ 52.3715, 54.7977,
54.3114

■ 10.1859, 10.6152,
9.8060

■ 70.6907, 74.0045,
74.0174

■ 5.5856, 5.8087,
5.1666

■ 92.8498, 97.2445,
97.9924

■ 2.6330, 2.7291,
2.2849

119.2141,
124.9021, 126.6548

■ 0.9628, 0.9920,
0.7227

150.1490,
157.3618, 160.4233

■ 0.0000, 0.0000,
0.0000

186.0198,

195.0079, 199.7163

227.1919,
238.2249, 244.9524

■ 25.7911, 26.9463,
26.0321

■ 25.7911, 26.9463,
26.0321

■ 23.9438, 24.7647,
20.7516

■ 27.8348, 29.2927,
32.0801

■ 22.2840, 22.7403,
16.2055

■ 30.0792, 31.8043,
38.9232

■ 20.8053, 20.8699,
12.3611

■ 32.5309, 34.4861,
46.5897

■ 19.4999, 19.1491,
9.1825

■ 35.1958, 37.3415,
55.1063

■ 18.3596, 17.5730,
6.6304

■ 38.0795, 40.3742,
64.4982

■ 17.3752, 16.1364,
4.6614

■ 41.1872, 43.5874,
74.7896

■ 16.5364, 14.8336,
3.2267

■ 44.5242, 46.9845,
86.0039

■ 15.8315, 13.6582,
2.2689

■ 48.0953, 50.5686,
98.1634

■ 15.2330, 12.5975,
1.6488

■ 50.2019, 53.6614,
102.3195

Harmonies

Analogous

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



26.3748, 26.9463, 26.7001



25.7911, 26.9463, 26.0321



25.1686, 26.9463, 26.2215

Triad

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



25.7911, 26.9463, 26.0321



24.4983, 26.9463, 30.6348



26.5743, 26.9463, 31.5579

Complementary

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



25.7911, 26.9463, 26.0321



24.1717, 25.5577, 31.2630

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.



26.0599, 26.9463, 32.6964



25.7911, 26.9463, 26.0321



24.8633, 26.9463, 32.1483

Square

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



25.7911, 26.9463, 26.0321



24.4290, 26.9463, 28.8302



25.4330, 26.9463, 32.9168



26.8319, 26.9463, 29.8557

Rectangle

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



25.7911, 26.9463, 26.0321



24.8149, 26.9463, 26.8119



25.4330, 26.9463, 32.9168



26.4253, 26.9463, 32.0221

Sweetspot

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



25.7918, 26.9475, 26.0327



48.5129, 50.9392, 53.4585



25.0855, 24.8445, 27.9252



11.0098, 11.5543, 12.0114



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.



25.7918, 26.9475, 26.0327



45.6016, 47.5730, 44.9147



26.5334, 28.6781, 26.3276



6.0594, 6.3326, 6.1434



13.2074, 10.9292, 1.4134



0.1910, 0.1924, 0.0271

Inverse Universe

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



24.1717, 25.5577, 31.2630



42.2200, 44.6722, 55.8320



23.4752, 23.9449, 30.9884



5.6915, 6.0170, 7.3312



6.1287, 4.9523, 24.5639



0.1033, 0.1172, 0.3101

Previews

White Background



This preview shows how the XYZ color 25.7911, 26.9463, 26.0321 looks on a white background.

Color Contrast Check

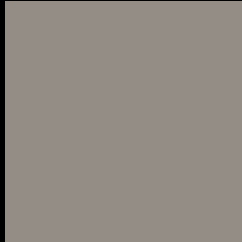
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7911, 26.9463, 26.0321 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

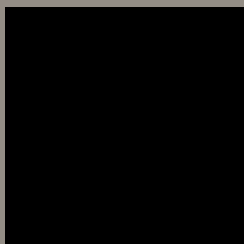
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

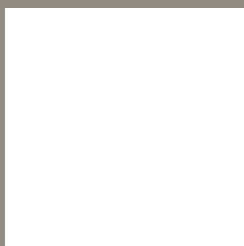
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.7911, 26.9463, 26.0321

Background



This preview shows how black text looks on a background with the XYZ color 25.7911, 26.9463, 26.0321.



This preview shows how white text looks on a background with the XYZ color 25.7911, 26.9463,

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

25.7911, 26.9463, 26.0321

Protanopia

25.6126, 26.8542, 26.0238

Deuteranopia

27.3493, 26.8817, 26.3015



Tritanopia

27.0519, 27.0247, 32.2243

Trichromacy



Original Color

25.7911, 26.9463, 26.0321

Protanomaly

25.6126, 26.8542, 26.0238

Deuteranomaly

26.7180, 26.7682, 26.3128

Tritanomaly

26.5488, 27.0352, 29.8057

Monochromacy



Original Color

25.7911, 26.9463, 26.0321

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.8348, 27.1394, 28.3029

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7911, 26.9463, 26.0321 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(147, 141, 133)` looks like.

```
.text, #text, p{  
    color:rgb(147, 141, 133)  
}
```

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(147, 141, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 141, 133) }
```

Border

The CSS property to change the border of an element to XYZ 25.7911, 26.9463, 26.0321 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(147, 141, 133) }
```


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

```
.border{ border-color:rgb(147, 141, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 141, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 141, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 141, 133);  
box-shadow:4px 4px 4px 4px rgb(147, 141,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7911, 26.9463, 26.0321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 141, 133) }
```

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

```
.background{ background-color: rgb(147,  
141, 133) }
```

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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