

Converting Colors

XYZ(25.0919, 25.2900, 26.5220)

Have a look what the booklet for
XYZ(25.0919, 25.2900, 26.5220)
contains.

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Color

**XYZ(25.0698, 25.2803,
26.4799)**

Conversions

Conversions Part 1

Format	Color
Hex	938787
RGB	147, 135, 135
RGB Percent	58%, 53%, 53%
CMY	0.4235, 0.4706, 0.4706
CMYK	0.00, 0.08, 0.08, 0.42
HSL	0°, 5%, 55%
HSV	0°, 8%, 58%
XYZ	25.0698, 25.2803, 26.4799
YIQ	138.5880, 7.1520, 2.5440

Conversions

Conversions Part 2

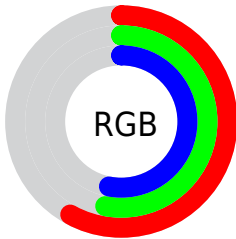
Format	Color
R_{YB}	147, 135, 135
Decimal	9668487
CIE _{Lab}	57.35, 4.50, 1.62
CIE _{LCh}	57, 4.787, 19.813
Yxy	25.2803, 0.3263, 0.3290
Android (android.graphics.Color)	4287858567 (0xFF938787)
YUV	138.5880, -1.7689, 7.3773
Hunter-Lab	50.2795, 1.0125, 3.9704

Details

The XYZ color **25.0698, 25.2803, 26.4799** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.6918, 28.1244, 31.6786**, and the grayscale version is **24.3876, 25.6576, 27.9412**.

A 20% lighter version of the original color is **51.1477, 52.0148, 54.9210**, and **9.7121, 9.6397, 9.9431** is the 20% darker color. If you saturate the color by 10%, you get **22.1947, 21.0734, 20.7630**, and if you desaturate by 10%, it is **28.3723, 30.1127, 33.0450**.

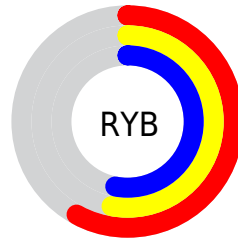
Distribution



Red (58%)

Green (53%)

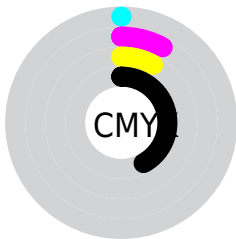
Blue (53%)



Red (58%)

Yellow (53%)

Blue (53%)

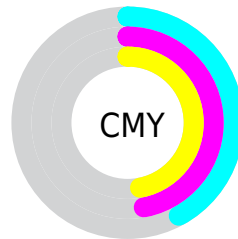


Cyan (0%)

Magenta (8%)

Yellow (8%)

Black (42%)



Cyan (42%)

Magenta (47%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0698, 25.2803, 26.4799 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 25.0698, 25.2803, 26.4799 by changing the saturation by 10% instead.

■ 25.0698, 25.2803,
26.4799

■ 25.0698, 25.2803,
26.4799

270.5266,
279.2310, 298.8101

■ 16.2581, 16.2860,
16.9540

■ 51.2125, 52.1116,
55.0417

■ 9.7990, 9.7268,
10.0401

■ 69.2742, 70.7174,
74.9147

■ 5.3271, 5.2182,
5.3196

■ 91.1499, 93.2958,
99.0738

■ 2.4772, 2.3758,
2.3740

117.2051,
120.2312, 127.9376

■ 0.8838, 0.8134,
0.7722

147.8049,
151.9081, 161.9245

■ 0.0000, 0.0000,
0.0000

183.3149,

188.7107, 201.4533

224.1004,
231.0235, 246.9423

■ 25.0698, 25.2803,
26.4799

■ 25.0698, 25.2803,
26.4799

■ 22.1947, 21.0734,
20.7630

■ 28.3723, 30.1127,
33.0450

■ 19.7276, 17.4634,
15.8581

■ 32.1165, 35.5912,
40.4892

■ 17.6506, 14.4242,
11.7289

■ 36.3185, 41.7396,
48.8438

■ 15.9437, 11.9266,
8.3358

■ 40.9932, 48.5795,
58.1382

■ 14.5853, 9.9388,
5.6355

■ 46.1545, 56.1314,
68.4002

■ 13.5513, 8.4258,
3.5804

■ 51.8159, 64.4151,
79.6569

■ 12.8148, 7.3479,
2.1165

■ 57.9905, 73.4495,
91.9338

■ 12.3443, 6.6593,
1.1816

■ 64.6907, 83.2531,
105.2560

■ 12.0772, 6.2684,
0.6509

■ 65.8428, 84.9431,
107.5331

Harmonies

Analogous

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



25.1186, 25.2803, 28.0826



25.0698, 25.2803, 26.4799



24.7394, 25.2803, 25.2062

Triad

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



25.0698, 25.2803, 26.4799



23.2039, 25.2803, 25.5576



23.8356, 25.2803, 30.7188

Complementary

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



25.0698, 25.2803, 26.4799



25.6918, 28.1244, 31.6786

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.



23.3307, 25.2803, 29.9838



25.0698, 25.2803, 26.4799



22.9698, 25.2803, 26.9767

Square

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



25.0698, 25.2803, 26.4799



23.6601, 25.2803, 24.6884



23.0158, 25.2803, 28.5992



24.4000, 25.2803, 30.5730

Rectangle

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



25.0698, 25.2803, 26.4799



24.4068, 25.2803, 24.6949



23.0158, 25.2803, 28.5992



23.6535, 25.2803, 30.5655

Sweetspot

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



25.0705, 25.2814, 26.4804



48.4248, 50.4365, 54.4356



25.9634, 25.6379, 31.1843



11.0718, 11.5391, 12.4611



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.



25.0705, 25.2814, 26.4804



43.7844, 43.6466, 45.2096



25.9310, 27.0024, 26.7673



5.8009, 5.8156, 6.0572



10.4320, 5.3784, 0.4883



0.1277, 0.0659, 0.0060

Inverse Universe

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



25.6918, 28.1244, 31.6786



45.1566, 49.9262, 56.6913



24.7834, 26.3076, 31.3758



5.9640, 6.5620, 7.4220



13.6066, 19.9079, 27.0565



0.1666, 0.2437, 0.3312

Previews

White Background



This preview shows how the XYZ color 25.0698, 25.2803, 26.4799 looks on a white background.

Color Contrast Check

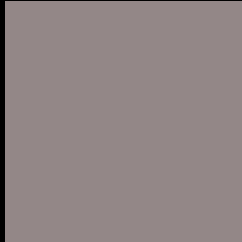
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0698, 25.2803, 26.4799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

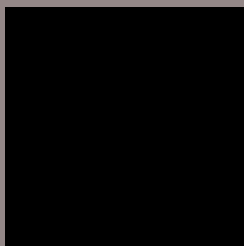
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

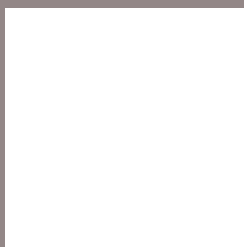
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.0698, 25.2803, 26.4799

Background



This preview shows how black text looks on a background with the XYZ color 25.0698, 25.2803, 26.4799.

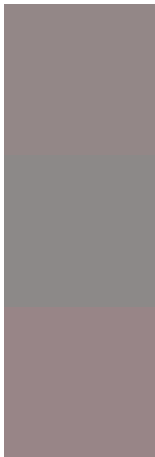


This preview shows how white text looks on a background with the XYZ color 25.0698, 25.2803,

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

25.0698, 25.2803, 26.4799

Protanopia

24.2048, 25.2443, 26.8895

Deuteranopia

25.7096, 25.1997, 26.4307



Tritanopia

25.7719, 25.3597, 29.9221

Trichromacy



Original Color

25.0698, 25.2803, 26.4799

Protanomaly

24.5758, 25.2255, 26.8663

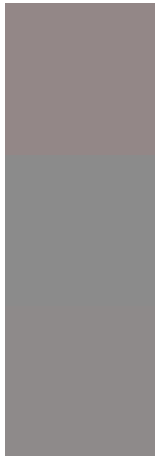
Deuteranomaly

25.4759, 25.2835, 26.4591

Tritanomaly

25.5456, 25.2692, 28.7303

Monochromacy



Original Color

25.0698, 25.2803, 26.4799

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.8313, 25.7627, 27.7087

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0698, 25.2803, 26.4799 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, 135, 135)` looks like.

```
.text, #text, p{  
    color:rgb(147, 135, 135)  
}
```

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, 135, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 135, 135) }
```

Border

The CSS property to change the border of an element to XYZ 25.0698, 25.2803, 26.4799 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, 135, 135) }
```


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

```
.border{ border-color:rgb(147, 135, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 135, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 135, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 135, 135);  
box-shadow:4px 4px 4px 4px rgb(147, 135,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0698, 25.2803, 26.4799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 135, 135) }
```

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

```
.background{ background-color: rgb(147,  
135, 135) }
```

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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