

Converting Colors

XYZ(26.0020, 26.3357, 26.2307)

Have a look what the booklet for
XYZ(26.0020, 26.3357, 26.2307)
contains.

XYZ(25.9692, 26.3822, 26.2778)	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(25.9692, 26.3822,
26.2778)**

Conversions

Conversions Part 1

Format	Color
Hex	968A86
RGB	150, 138, 134
RGB Percent	59%, 54%, 53%
CMY	0.4118, 0.4588, 0.4745
CMYK	0.00, 0.08, 0.11, 0.41
HSL	15°, 7%, 56%
HSV	15°, 11%, 59%
XYZ	25.9692, 26.3822, 26.2778
YIQ	141.1320, 8.4360, 1.3000

Conversions

Conversions Part 2

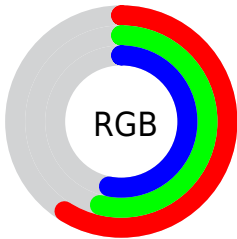
Format	Color
R_{YB}	150, 139, 134
Decimal	9865862
CIE _{Lab}	58.40, 3.77, 3.75
CIE _{LCh}	58, 5.316, 44.901
Yxy	26.3822, 0.3303, 0.3355
Android (android.graphics.Color)	4288055942 (0xFF968A86)
YUV	141.1320, -3.5161, 7.7772
Hunter-Lab	51.3636, 0.3625, 5.6216

Details

The XYZ color **25.9692, 26.3822, 26.2778** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.6153, 27.8275, 32.8756**, and the grayscale version is **25.3808, 26.7026, 29.0791**.

A 20% lighter version of the original color is **52.5023, 53.6868, 54.6091**, and **10.2355, 10.2722, 9.8308** is the 20% darker color. If you saturate the color by 10%, you get **23.4655, 22.9319, 20.6426**, and if you desaturate by 10%, it is **28.7899, 30.2285, 32.7515**.

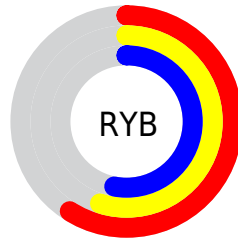
Distribution



Red (59%)

Green (54%)

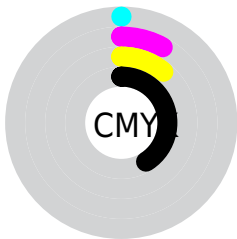
Blue (53%)



Red (59%)

Yellow (55%)

Blue (53%)

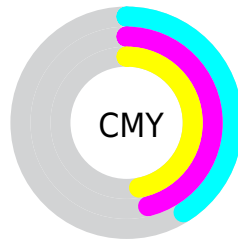


Cyan (0%)

Magenta (8%)

Yellow (11%)

Black (41%)



Cyan (41%)

Magenta (46%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9692, 26.3822, 26.2778 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 25.9692, 26.3822, 26.2778 by changing the saturation by 10% instead.

■ 25.9692, 26.3822,
26.2778

■ 25.9692, 26.3822,
26.2778

274.8903,
284.6533, 297.7919

■ 16.9332, 17.1098,
16.8040

■ 52.6569, 53.8909,
54.7123

■ 10.2819, 10.3128,
9.9343

■ 71.0393, 72.8960,
74.5101

■ 5.6499, 5.6068,
5.2504

■ 93.2678, 95.9140,
98.5863

■ 2.6720, 2.6075,
2.3336

119.7079,
123.3295, 127.3594

■ 0.9828, 0.9304,
0.7500

150.7248,
155.5268, 161.2479

■ 0.0000, 0.0000,
0.0000

186.6839,

192.8902, 200.6705

227.9507,
235.8042, 246.0457

■ 25.9692, 26.3822,
26.2778

■ 25.9692, 26.3822,
26.2778

■ 23.4655, 22.9319,
20.6426

■ 28.7899, 30.2285,
32.7515

■ 21.2654, 19.8614,
15.8098

■ 31.9361, 34.4793,
40.0944

■ 19.3577, 17.1587,
11.7431

■ 35.4188, 39.1472,
48.3378

■ 17.7294, 14.8097,
8.4028

■ 39.2476, 44.2434,
57.5109

■ 16.3669, 12.7993,
5.7457

■ 43.4319, 49.7784,
67.6415

■ 15.2552, 11.1115,
3.7236

■ 47.9807, 55.7625,
78.7563

■ 14.3775, 9.7288,
2.2825

■ 52.9027, 62.2056,
90.8810

■ 13.7150, 8.6317,
1.3587

■ 58.2061, 69.1173,
104.0403

■ 13.2558, 7.8402,
0.8147

■ 61.5617, 75.5720,
105.9499

Harmonies

Analogous

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



26.3000, 26.3822, 27.8171



25.9692, 26.3822, 26.2778



25.4017, 26.3822, 25.4138

Triad

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



25.9692, 26.3822, 26.2778



23.8907, 26.3822, 27.8054



25.3975, 26.3822, 32.3171

Complementary

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



25.9692, 26.3822, 26.2778



25.6153, 27.8275, 32.8756

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.



24.7521, 26.3822, 32.3136



25.9692, 26.3822, 26.2778



23.8896, 26.3822, 29.6539

Square

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



25.9692, 26.3822, 26.2778



24.2055, 26.3822, 26.2696



24.2025, 26.3822, 31.3212



25.9661, 26.3822, 31.3304

Rectangle

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



25.9692, 26.3822, 26.2778



24.9691, 26.3822, 25.3123



24.2025, 26.3822, 31.3212



25.1822, 26.3822, 32.4330

Sweetspot

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



25.9699, 26.3834, 26.2784



49.5649, 51.6581, 54.9277



26.2914, 25.6099, 30.7519



10.8981, 11.3309, 11.9742



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.



25.9699, 26.3834, 26.2784



44.6336, 44.9172, 43.6599



27.1599, 28.7633, 26.6750



5.9117, 6.0372, 6.0942



11.0166, 6.5476, 0.6832



0.1554, 0.1212, 0.0152

Inverse Universe

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



25.6153, 27.8275, 32.8756



43.8689, 48.0295, 57.8797



24.4253, 25.4477, 32.4789



5.8425, 6.3190, 7.3815



9.4410, 11.5767, 25.6680



0.1389, 0.1884, 0.3219

Previews

White Background



This preview shows how the XYZ color 25.9692, 26.3822, 26.2778 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 25.9692, 26.3822, 26.2778 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 25.9692, 26.3822, 26.2778

Background



This preview shows how black text looks on a background with the XYZ color 25.9692, 26.3822, 26.2778.



This preview shows how white text looks on a background with the XYZ color 25.9692, 26.3822,

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

25.9692, 26.3822, 26.2778

Protanopia

25.2529, 26.4347, 26.6931

Deuteranopia

26.8175, 26.3975, 26.2360



Tritanopia

27.0195, 26.3903, 31.2735

Trichromacy



Original Color

25.9692, 26.3822, 26.2778

Protanomaly

25.4599, 26.3255, 26.6611

Deuteranomaly

26.5752, 26.4826, 26.2652

Tritanomaly

26.5906, 26.4236, 29.2900

Monochromacy



Original Color

25.9692, 26.3822, 26.2778

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.4671, 26.5204, 27.8215

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9692, 26.3822, 26.2778 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(150, 138, 134)` looks like.

```
.text, #text, p{  
    color:rgb(150, 138, 134)  
}
```

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(150, 138, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 138, 134) }
```

Border

The CSS property to change the border of an element to XYZ 25.9692, 26.3822, 26.2778 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(150, 138, 134) }
```


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

```
.border{ border-color:rgb(150, 138, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 138, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 138, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 138, 134);  
box-shadow:4px 4px 4px 4px rgb(150, 138,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9692, 26.3822, 26.2778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 138, 134) }
```

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

```
.background{ background-color: rgb(150,  
138, 134) }
```

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