

Converting Colors

XYZ(25.6803, 26.1398, 27.0099)

Have a look what the booklet for
XYZ(25.6803, 26.1398, 27.0099)
contains.

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Color

**XYZ(25.7452, 26.2504,
27.0025)**

Conversions

Conversions Part 1

Format	Color
Hex	948A88
RGB	148, 138, 136
RGB Percent	58%, 54%, 53%
CMY	0.4196, 0.4588, 0.4667
CMYK	0.00, 0.07, 0.08, 0.42
HSL	10°, 5%, 56%
HSV	10°, 8%, 58%
XYZ	25.7452, 26.2504, 27.0025
YIQ	140.7620, 6.6020, 1.4980

Conversions

Conversions Part 2

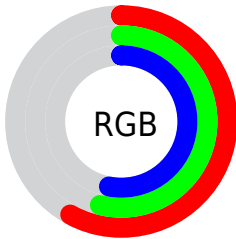
Format	Color
RYB	148, 138, 136
Decimal	9734792
CIELab	58.27, 3.36, 2.40
CIELCh	58, 4.135, 35.545
Yxy	26.2504, 0.3259, 0.3323
Android (android.graphics.Color)	4287924872 (0xFF948A88)
YUV	140.7620, -2.3477, 6.3477
Hunter-Lab	51.2351, 0.0331, 4.6169

Details

The XYZ color **25.7452, 26.2504, 27.0025** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.7776, 27.9299, 32.0498**, and the grayscale version is **25.2319, 26.5460, 28.9085**.

A 20% lighter version of the original color is **52.1732, 53.4923, 55.7193**, and **10.0992, 10.1927, 10.2392** is the 20% darker color. If you saturate the color by 10%, you get **23.0956, 22.5196, 21.2833**, and if you desaturate by 10%, it is **28.7425, 30.4434, 33.5549**.

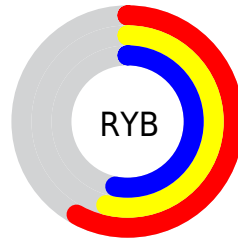
Distribution



Red (58%)

Green (54%)

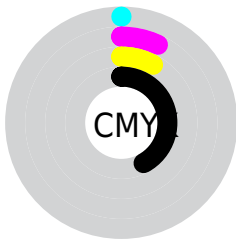
Blue (53%)



Red (58%)

Yellow (54%)

Blue (53%)

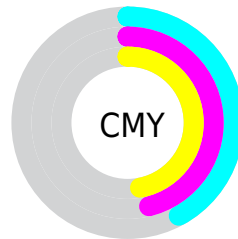


Cyan (0%)

Magenta (7%)

Yellow (8%)

Black (42%)



Cyan (42%)

Magenta (46%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7452, 26.2504, 27.0025 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 25.7452, 26.2504, 27.0025 by changing the saturation by 10% instead.

■ 25.7452, 26.2504,
27.0025

■ 25.7452, 26.2504,
27.0025

273.8087,
284.0091, 301.4298

■ 16.7648, 17.0111,
17.3426

■ 52.2978, 53.6786,
55.8917

■ 10.1612, 10.2424,
10.3146

■ 70.6008, 72.6363,
75.9581

■ 5.5691, 5.5600,
5.4997

■ 92.7420, 95.6022,
100.3304

■ 2.6230, 2.5794,
2.4795

119.0867,
122.9608, 129.4272

■ 0.9577, 0.9163,
0.8293

150.0004,
155.0963, 163.6670

■ 0.0000, 0.0000,
0.0000

185.8484,

192.3933, 203.4683

226.9961,
235.2361, 249.2497

■ 25.7452, 26.2504,
27.0025

■ 25.7452, 26.2504,
27.0025

■ 23.0956, 22.5196,
21.2833

■ 28.7425, 30.4434,
33.5549

■ 20.7788, 19.2317,
16.3622

■ 32.0971, 35.1100,
40.9702

■ 18.7821, 16.3714,
12.2040

■ 35.8212, 40.2658,
49.2788

■ 17.0914, 13.9208,
8.7705

■ 39.9256, 45.9243,
58.5093

■ 15.6911, 11.8611,
6.0199

■ 44.4208, 52.0988,
68.6887

■ 14.5646, 10.1719,
3.9063

■ 49.3168, 58.8019,
79.8431

■ 13.6933, 8.8308,
2.3780

■ 54.6231, 66.0458,
91.9975

■ 13.0562, 7.8131,
1.3752

■ 60.3492, 73.8424,
105.1761

■ 12.6209, 7.0873,
0.7832

■ 64.1321, 81.2542,
106.9113

Harmonies

Analogous

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



25.9250, 26.2504, 28.3155



25.7452, 26.2504, 27.0025



25.3526, 26.2504, 26.1350

Triad

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



25.7452, 26.2504, 27.0025



24.0804, 26.2504, 27.4512



25.0438, 26.2504, 31.4278

Complementary

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



25.7452, 26.2504, 27.0025



25.7776, 27.9299, 32.0498

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.



24.5521, 26.2504, 31.1776



25.7452, 26.2504, 27.0025



24.0002, 26.2504, 28.8506

Square

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



25.7452, 26.2504, 27.0025



24.3923, 26.2504, 26.3879



24.1718, 26.2504, 30.2224



25.5165, 26.2504, 30.8949

Rectangle

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



25.7452, 26.2504, 27.0025



25.0254, 26.2504, 25.9095



24.1718, 26.2504, 30.2224



24.8752, 26.2504, 31.4327

Sweetspot

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



25.7459, 26.2516, 27.0031



48.5607, 50.7084, 54.4809



26.2057, 25.9800, 30.8281



11.1009, 11.5974, 12.4709



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.



25.7459, 26.2516, 27.0031



44.3988, 44.8753, 45.4144



26.6304, 28.0205, 27.2979



5.8744, 5.9625, 6.0817



10.7376, 5.9896, 0.5902



0.1462, 0.1028, 0.0121

Inverse Universe

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



25.7776, 27.9299, 32.0498



44.4680, 48.5490, 56.4618



24.8772, 26.1290, 31.7497



5.8826, 6.3992, 7.3949



10.6650, 14.0248, 26.0760



0.1481, 0.2068, 0.3250

Previews

White Background



This preview shows how the XYZ color 25.7452, 26.2504, 27.0025 looks on a white background.

Color Contrast Check

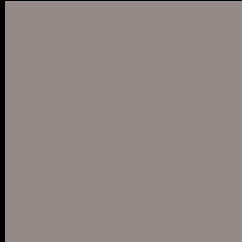
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7452, 26.2504, 27.0025 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

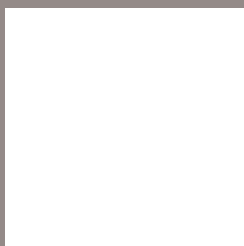
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.7452, 26.2504, 27.0025

Background



This preview shows how black text looks on a background with the XYZ color 25.7452, 26.2504, 27.0025.



This preview shows how white text looks on a background with the XYZ color 25.7452, 26.2504,

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

25.7452, 26.2504, 27.0025

Protanopia

25.0757, 26.1110, 27.3852

Deuteranopia

26.6255, 26.0741, 26.9220



Tritanopia

26.6483, 26.1989, 31.2561

Trichromacy



Original Color

25.7452, 26.2504, 27.0025

Protanomaly

25.4250, 26.2911, 27.4016

Deuteranomaly

26.1970, 26.0613, 26.9422

Tritanomaly

26.2980, 26.2641, 29.6700

Monochromacy



Original Color

25.7452, 26.2504, 27.0025

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.5399, 26.5495, 28.2046

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7452, 26.2504, 27.0025 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(148, 138, 136)` looks like.

```
.text, #text, p{  
    color:rgb(148, 138, 136)  
}
```

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(148, 138, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 138, 136) }
```

Border

The CSS property to change the border of an element to XYZ 25.7452, 26.2504, 27.0025 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(148, 138, 136) }
```


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

```
.border{ border-color:rgb(148, 138, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 138, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 138, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 138, 136);  
box-shadow:4px 4px 4px 4px rgb(148, 138,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7452, 26.2504, 27.0025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 138, 136) }
```

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

```
.background{ background-color: rgb(148,  
138, 136) }
```

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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