

Converting Colors

XYZ(25.6487, 28.7919, 27.1279)

Have a look what the booklet for
XYZ(25.6487, 28.7919, 27.1279)
contains.

XYZ(25.7608, 28.9652, 27.1548)	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(25.7608, 28.9652,
27.1548)**

Conversions

Conversions Part 1

Format	Color
Hex	8A9687
RGB	138, 150, 135
RGB Percent	54%, 59%, 53%
CMY	0.4588, 0.4118, 0.4706
CMYK	0.08, 0.00, 0.10, 0.41
HSL	108°, 7%, 56%
HSV	108°, 10%, 59%
XYZ	25.7608, 28.9652, 27.1548
YIQ	144.7020, -2.3370, -7.2090

Conversions

Conversions Part 2

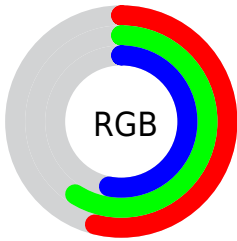
Format	Color
R_{YB}	135, 150, 147
Decimal	9082503
CIE Lab	60.75, -7.25, 6.44
CIE LCh	61, 9.694, 138.377
Yxy	28.9652, 0.3146, 0.3537
Android (android.graphics.Color)	4287272583 (0xFF8A9687)
YUV	144.7020, -4.7831, -5.8777
Hunter-Lab	53.8193, -8.7442, 7.7585

Details

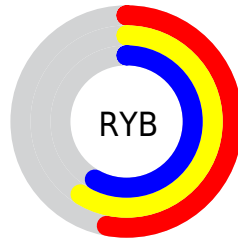
The XYZ color **25.7608, 28.9652, 27.1548** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.2026, 25.7337, 32.4416**, and the grayscale version is **26.8129, 28.2092, 30.7198**.

A 20% lighter version of the original color is **52.1558, 57.8929, 56.0025**, and **10.1260, 11.6543, 10.3101** is the 20% darker color. If you saturate the color by 10%, you get **22.9014, 27.6055, 21.8910**, and if you desaturate by 10%, it is **28.9901, 30.5000, 33.2140**.

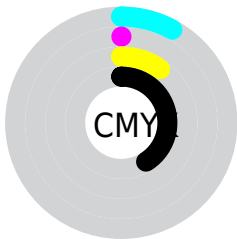
Distribution



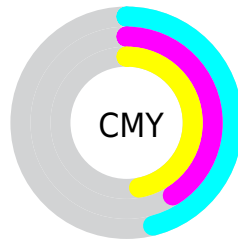
- Red (54%)
- Green (59%)
- Blue (53%)



- Red (53%)
- Yellow (59%)
- Blue (58%)



- Cyan (8%)
- Magenta (0%)
- Yellow (10%)
- Black (41%)



- Cyan (46%)
- Magenta (41%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7608, 28.9652, 27.1548 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 25.7608, 28.9652, 27.1548 by changing the saturation by 10% instead.

■ 25.7608, 28.9652,
27.1548

■ 25.7608, 28.9652,
27.1548

273.8842,
297.0507, 302.1897

■ 16.7765, 19.0545,
17.4561

■ 52.3229, 58.0218,
56.1389

■ 10.1696, 11.7097,
10.3948

■ 70.6314, 77.9365,
76.2614

■ 5.5747, 6.5463,
5.5525

■ 92.7786, 101.9546,
100.6955

■ 2.6264, 3.1800,
2.5106

119.1300,
130.4606, 129.8598

■ 0.9594, 1.2264,
0.8458

150.0509,
163.8388, 164.1728

■ 0.0000, 0.0831,
0.0000

185.9067,

■ 0.0000, 0.0000,

202.4736, 204.0531

0.0000

227.0626,
246.7495, 249.9192

■ 25.7608, 28.9652,
27.1548

■ 25.7608, 28.9652,
27.1548

■ 22.9014, 27.6055,
21.8910

■ 28.9901, 30.5000,
33.2140

■ 20.3962, 26.4111,
17.3876

■ 32.5994, 32.2121,
40.0976

■ 18.2318, 25.3767,
13.6102

■ 36.6016, 34.1081,
47.8356

■ 16.3932, 24.4954,
10.5207

■ 41.0081, 36.1935,
56.4560

■ 14.8642, 23.7596,
8.0775

■ 45.8299, 38.4734,
65.9853

■ 13.6271, 23.1614,
6.2349

■ 51.0776, 40.9525,
76.4490

■ 12.6624, 22.6917,
4.9408

■ 56.7614, 43.6357,
87.8717

■ 11.9478, 22.3404,
4.1343

■ 62.8905, 46.5272,
100.2737

■ 11.4422, 22.0897,
3.6607

■ 66.9651, 48.6277,
100.4644

Harmonies

Analogous

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



26.7746, 28.9652, 25.4073



25.7608, 28.9652, 27.1548



25.2275, 28.9652, 30.1623

Triad

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



25.7608, 28.9652, 27.1548



27.0458, 28.9652, 38.8258



29.8917, 28.9652, 29.4032

Complementary

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



25.7608, 28.9652, 27.1548



26.2026, 25.7337, 32.4416

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.



29.9697, 28.9652, 32.9553



25.7608, 28.9652, 27.1548



28.3006, 28.9652, 38.5836

Square

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



25.7608, 28.9652, 27.1548



25.9541, 28.9652, 37.0082



29.3796, 28.9652, 36.3696



29.1695, 28.9652, 26.6356

Rectangle

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



25.7608, 28.9652, 27.1548



25.2050, 28.9652, 32.5587



29.3796, 28.9652, 36.3696



29.9949, 28.9652, 30.5392

Sweetspot

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



25.7616, 28.9664, 27.1554



49.3461, 52.9627, 55.1910



27.3857, 29.1020, 27.0960



10.8378, 11.6907, 12.0468



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.



25.7616, 28.9664, 27.1554



44.2775, 50.5540, 45.7248



25.5957, 28.8435, 28.8371



5.8315, 6.5210, 6.1918



9.5118, 18.3314, 3.0370



0.1362, 0.2346, 0.0381

Inverse Universe

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



26.2026, 25.7337, 32.4416



45.2154, 43.6778, 56.9688



26.3921, 25.8725, 30.5946



5.9229, 5.8512, 7.2870



11.0164, 5.1517, 24.3448



0.1580, 0.0750, 0.2991

Previews

White Background



This preview shows how the XYZ color 25.7608, 28.9652, 27.1548 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 25.7608, 28.9652, 27.1548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

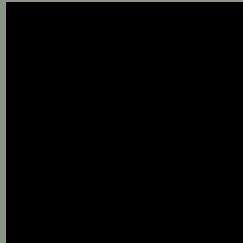
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

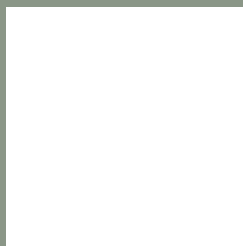
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.7608, 28.9652, 27.1548

Background



This preview shows how black text looks on a background with the XYZ color 25.7608, 28.9652, 27.1548.



This preview shows how white text looks on a background with the XYZ color 25.7608, 28.9652,

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

25.7608, 28.9652, 27.1548

Protanopia

27.4614, 28.9266, 26.3263

Deuteranopia

29.3501, 28.7484, 27.6690



Tritanopia

27.7606, 29.0868, 36.4989

Trichromacy



Original Color

25.7608, 28.9652, 27.1548

Protanomaly

26.7694, 28.7917, 26.7007

Deuteranomaly

27.9348, 28.6927, 27.3585

Tritanomaly

27.0794, 29.0445, 33.0331

Monochromacy



Original Color

25.7608, 28.9652, 27.1548

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.3968, 28.5413, 29.3171

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7608, 28.9652, 27.1548 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(138, 150, 135)` looks like.

```
.text, #text, p{  
    color:rgb(138, 150, 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(138, 150, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 150, 135) }
```

Border

The CSS property to change the border of an element to XYZ 25.7608, 28.9652, 27.1548 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(138, 150, 135) }
```


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

```
.border{ border-color:rgb(138, 150, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 150, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 150, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 150, 135);  
box-shadow:4px 4px 4px 4px rgb(138, 150,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7608, 28.9652, 27.1548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 150, 135) }
```

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

```
.background{ background-color: rgb(138,  
150, 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](#).

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