

Converting Colors

XYZ(25.4896, 27.6248, 24.2240)

Have a look what the booklet for
XYZ(25.4896, 27.6248, 24.2240)
contains.

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Color

**XYZ(25.4578, 27.7124,
24.0859)**

Conversions

Conversions Part 1

Format	Color
Hex	90917F
RGB	144, 145, 127
RGB Percent	56%, 57%, 50%
CMY	0.4353, 0.4314, 0.5020
CMYK	0.01, 0.00, 0.12, 0.43
HSL	63°, 8%, 53%
HSV	63°, 12%, 57%
XYZ	25.4578, 27.7124, 24.0859
YIQ	142.6490, 5.1820, -5.8100

Conversions

Conversions Part 2

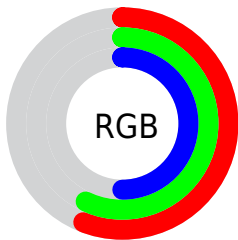
Format	Color
R_{YB}	127, 145, 128
Decimal	9474431
CIE _{Lab}	59.63, -3.68, 9.44
CIE _{LCh}	60, 10.128, 111.305
Yxy	27.7124, 0.3295, 0.3587
Android (android.graphics.Color)	4287664511 (0xFF90917F)
YUV	142.6490, -7.7150, 1.1848
Hunter-Lab	52.6426, -5.8024, 9.7225

Details

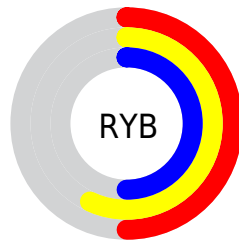
The XYZ color **25.4578, 27.7124, 24.0859** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.6033, 21.8130, 29.8612**, and the grayscale version is **25.9975, 27.3514, 29.7857**.

A 20% lighter version of the original color is **51.9503, 56.1479, 51.2796**, and **10.0834, 11.1142, 8.8215** is the 20% darker color. If you saturate the color by 10%, you get **24.4397, 27.2898, 19.4552**, and if you desaturate by 10%, it is **26.6144, 28.1923, 29.4343**.

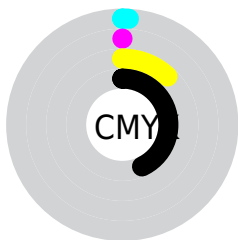
Distribution



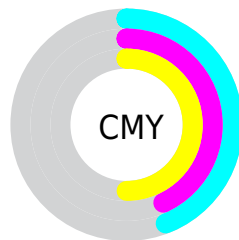
- Red (56%)
- Green (57%)
- Blue (50%)



- Red (50%)
- Yellow (57%)
- Blue (50%)



- Cyan (1%)
- Magenta (0%)
- Yellow (12%)
- Black (43%)



- Cyan (44%)
- Magenta (43%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4578, 27.7124, 24.0859 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 25.4578, 27.7124, 24.0859 by changing the saturation by 10% instead.

■ 25.4578, 27.7124,
24.0859

■ 25.4578, 27.7124,
24.0859

272.4160,
291.0901, 286.5550

■ 16.5490, 18.1090,
15.1846

■ 51.8365, 56.0249,
51.1159

■ 10.0068, 11.0283,
8.8010

■ 70.0371, 75.5029,
70.0817

■ 5.4658, 6.0858,
4.5165

■ 92.0657, 99.0411,
93.2394

■ 2.5606, 2.8973,
1.9128

118.2877,
127.0239, 121.0075

■ 0.9259, 1.0784,
0.5009

149.0683,
159.8359, 153.8045

■ 0.0000, 0.0000,
0.0000

184.7730,

197.8613, 192.0491

225.7671,
241.4846, 236.1598

■ 25.4578, 27.7124,
24.0859

■ 25.4578, 27.7124,
24.0859

■ 24.4397, 27.2898,
19.4552

■ 26.6144, 28.1923,
29.4343

■ 23.5522, 26.9187,
15.5099

■ 27.9128, 28.7281,
35.5272

■ 22.7897, 26.5977,
12.2179

■ 29.3588, 29.3231,
42.3923

■ 22.1456, 26.3242,
9.5440

■ 30.9574, 29.9793,
50.0553

■ 21.6125, 26.0952,
7.4496

■ 32.7131, 30.6984,
58.5407

■ 21.1823, 25.9074,
5.8916

■ 34.6305, 31.4823,
67.8720

■ 20.8457, 25.7572,
4.8211

■ 36.7137, 32.3326,
78.0717

■ 20.5916, 25.6402,
4.1803

■ 38.9671, 33.2512,
89.1615

■ 20.4306, 25.5641,
3.8576

■ 40.9886, 34.0770,
99.0249

Harmonies

Analogous

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



26.7127, 27.7124, 23.7436



25.4578, 27.7124, 24.0859



24.4697, 27.7124, 25.9883

Triad

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



25.4578, 27.7124, 24.0859



24.8345, 27.7124, 36.0014



28.8420, 27.7124, 31.2496

Complementary

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



25.4578, 27.7124, 24.0859



21.6033, 21.8130, 29.8612

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.



28.3029, 27.7124, 34.7868



25.4578, 27.7124, 24.0859



25.9704, 27.7124, 37.6720

Square

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



25.4578, 27.7124, 24.0859



24.1180, 27.7124, 32.8016



27.2419, 27.7124, 37.2104



28.6940, 27.7124, 27.6908

Rectangle

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



25.4578, 27.7124, 24.0859



24.0820, 27.7124, 27.9760



27.2419, 27.7124, 37.2104



28.7345, 27.7124, 32.4844

Sweetspot

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



25.4585, 27.7136, 24.0865



47.2972, 50.3356, 51.0208



23.2148, 22.9650, 23.2882



10.4888, 11.1840, 11.1970



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.4585, 27.7136, 24.0865



45.0367, 49.3985, 40.6004



23.9649, 26.9436, 24.0166



5.8103, 6.2703, 5.7934



17.5303, 21.9298, 3.3089



0.1735, 0.2127, 0.0319

Inverse Universe

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



21.6033, 21.8130, 29.8612



36.6867, 36.6183, 53.1080



23.0012, 22.5336, 29.9267



5.1557, 5.2684, 6.7739



4.4780, 1.8021, 23.0889



0.0472, 0.0195, 0.2210

Previews

White Background



This preview shows how the XYZ color 25.4578, 27.7124, 24.0859 looks on a white background.

Color Contrast Check

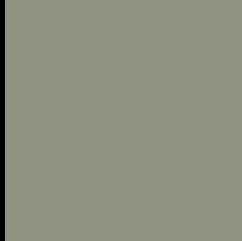
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.4578, 27.7124, 24.0859 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

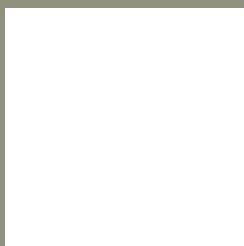
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.4578, 27.7124, 24.0859

Background



This preview shows how black text looks on a background with the XYZ color 25.4578, 27.7124, 24.0859.



This preview shows how white text looks on a background with the XYZ color 25.4578, 27.7124,

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

25.4578, 27.7124, 24.0859

Protanopia

26.1660, 27.6353, 23.6937

Deuteranopia

28.0890, 27.5220, 24.2539



Tritanopia

27.4051, 27.6127, 33.5911

Trichromacy



Original Color

25.4578, 27.7124, 24.0859

Protanomaly

25.9519, 27.7488, 23.7269

Deuteranomaly

27.1315, 27.6762, 24.3341

Tritanomaly

26.6635, 27.5322, 29.8955

Monochromacy



Original Color

25.4578, 27.7124, 24.0859

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.8163, 27.5923, 27.6321

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4578, 27.7124, 24.0859 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(144, 145, 127)` looks like.

```
.text, #text, p{  
    color:rgb(144, 145, 127)  
}
```

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(144, 145, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 145, 127) }
```

Border

The CSS property to change the border of an element to XYZ 25.4578, 27.7124, 24.0859 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(144, 145, 127) }
```


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

```
.border{ border-color:rgb(144, 145, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 145, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 145, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 145, 127);  
box-shadow:4px 4px 4px 4px rgb(144, 145,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4578, 27.7124, 24.0859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 145, 127) }
```

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

```
.background{ background-color: rgb(144,  
145, 127) }
```

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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