

Converting Colors

XYZ(25.3182, 24.3679, 24.9657)

Have a look what the booklet for
XYZ(25.3182, 24.3679, 24.9657)
contains.

XYZ(25.4058, 24.4740, 24.8576)	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(25.4058, 24.4740,
24.8576)**

Conversions

Conversions Part 1

Format	Color
Hex	9A8283
RGB	154, 130, 131
RGB Percent	60%, 51%, 51%
CMY	0.3961, 0.4902, 0.4863
CMYK	0.00, 0.16, 0.15, 0.40
HSL	358°, 11%, 56%
HSV	358°, 16%, 60%
XYZ	25.4058, 24.4740, 24.8576
YIQ	137.2900, 13.9830, 5.3990

Conversions

Conversions Part 2

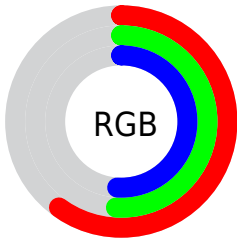
Format	Color
R_{YB}	154, 130, 131
Decimal	10125955
CIE _{Lab}	56.56, 9.33, 2.87
CIE _{LCh}	57, 9.758, 17.085
Yxy	24.4740, 0.3399, 0.3275
Android (android.graphics.Color)	4288316035 (0xFF9A8283)
YUV	137.2900, -3.1010, 14.6547
Hunter-Lab	49.4712, 5.0936, 4.8386

Details

The XYZ color **25.4058, 24.4740, 24.8576** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.5123, 30.1576, 34.5622**, and the grayscale version is **23.8958, 25.1403, 27.3777**.

A 20% lighter version of the original color is **51.8797, 50.8830, 52.4344**, and **10.0589, 9.3776, 9.2625** is the 20% darker color. If you saturate the color by 10%, you get **22.5786, 20.3079, 19.3263**, and if you desaturate by 10%, it is **28.6835, 29.3125, 31.2429**.

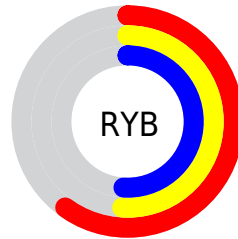
Distribution



Red (60%)

Green (51%)

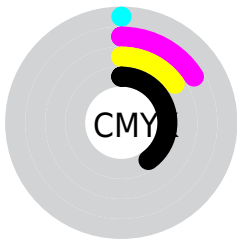
Blue (51%)



Red (60%)

Yellow (51%)

Blue (51%)

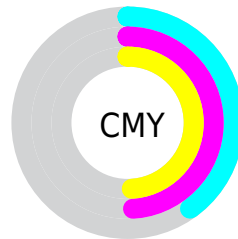


Cyan (0%)

Magenta (16%)

Yellow (15%)

Black (40%)



Cyan (40%)

Magenta (49%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4058, 24.4740, 24.8576 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 25.4058, 24.4740, 24.8576 by changing the saturation by 10% instead.

■ 25.4058, 24.4740,
24.8576

■ 25.4058, 24.4740,
24.8576

272.1634,
275.2082, 290.5530

■ 16.5100, 15.6856,
15.7529

■ 51.7530, 50.8026,
52.3874

■ 9.9789, 9.3020,
9.1970

■ 69.9350, 69.1116,
71.6496

■ 5.4471, 4.9387,
4.7714

■ 91.9432, 91.3629,
95.1347

■ 2.5493, 2.2113,
2.0574

118.1428,
117.9410, 123.2612

■ 0.9202, 0.7262,
0.5902

148.8993,
149.2301, 156.4478

■ 0.0000, 0.0000,
0.0000

184.5780,

185.6148, 195.1129

225.5442,
227.4793, 239.6751

■ 25.4058, 24.4740,
24.8576

■ 25.4058, 24.4740,
24.8576

■ 22.5786, 20.3079,
19.3263

■ 28.6835, 29.3125,
31.2429

■ 20.1803, 16.7815,
14.6112

■ 32.4281, 34.8477,
38.5145

■ 18.1905, 13.8639,
10.6742

■ 36.6575, 41.1071,
46.7050

■ 16.5865, 11.5207,
7.4735

■ 41.3882, 48.1153,
55.8450

■ 15.3433, 9.7140,
4.9633

■ 46.6360, 55.8960,
65.9635

■ 14.4329, 8.4014,
3.0929

■ 52.4157, 64.4718,
77.0884

■ 13.8231, 7.5340,
1.8042

■ 58.7418, 73.8643,
89.2465

■ 13.4725, 7.0466,
1.0281

■ 65.6282, 84.0945,
102.4633

■ 13.3616, 6.8841,
0.8083

■ 67.1365, 85.6101,
107.5937

Harmonies

Analogous

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



25.4493, 24.4740, 28.0662



25.4058, 24.4740, 24.8576



24.7761, 24.4740, 22.3370

Triad

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



25.4058, 24.4740, 24.8576



21.7033, 24.4740, 22.6235



22.7785, 24.4740, 33.2000

Complementary

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



25.4058, 24.4740, 24.8576



26.5123, 30.1576, 34.5622

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.



21.8105, 24.4740, 31.4809



25.4058, 24.4740, 24.8576



21.2034, 24.4740, 25.2785

Square

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



25.4058, 24.4740, 24.8576



22.6279, 24.4740, 21.1207



21.2420, 24.4740, 28.5224



23.9074, 24.4740, 33.0642

Rectangle

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



25.4058, 24.4740, 24.8576



24.1199, 24.4740, 21.3070



21.2420, 24.4740, 28.5224



22.4243, 24.4740, 32.8144

Sweetspot

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



25.4065, 24.4751, 24.8581



52.4136, 53.7032, 57.3540



26.9152, 25.0523, 33.9891



11.7689, 12.0156, 12.7977



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



25.4065, 24.4751, 24.8581



44.1069, 41.4444, 41.1600



26.8518, 27.4734, 25.0081



6.2187, 6.2266, 6.5317



10.8893, 5.6100, 0.6762



0.1652, 0.0848, 0.0229

Inverse Universe

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



25.4065, 24.4751, 24.8581



44.1069, 41.4444, 41.1600



24.8921, 26.7849, 34.4302



6.2187, 6.2266, 6.5317



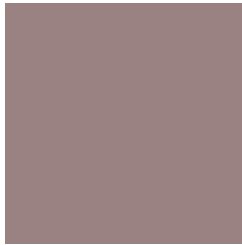
10.8893, 5.6100, 0.6762



0.1652, 0.0848, 0.0229

Previews

White Background



This preview shows how the XYZ color 25.4058, 24.4740, 24.8576 looks on a white background.

Color Contrast Check

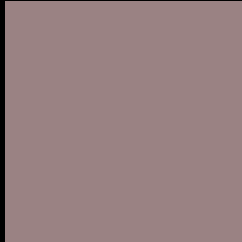
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.4058, 24.4740, 24.8576 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 25.4058, 24.4740, 24.8576

Background



This preview shows how black text looks on a background with the XYZ color 25.4058, 24.4740, 24.8576.



This preview shows how white text looks on a background with the XYZ color 25.4058, 24.4740,

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

25.4058, 24.4740, 24.8576

Protanopia

23.6145, 24.5381, 26.0460

Deuteranopia

24.9755, 24.4506, 24.8758



Tritanopia

26.0280, 24.5332, 27.7896

Trichromacy



Original Color

25.4058, 24.4740, 24.8576

Protanomaly

24.1228, 24.3978, 25.6281

Deuteranomaly

25.1619, 24.5467, 24.8845

Tritanomaly

25.8118, 24.4466, 26.6508

Monochromacy



Original Color

25.4058, 24.4740, 24.8576

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.2260, 24.6391, 26.4006

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4058, 24.4740, 24.8576 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(154, 130, 131)` looks like.

```
.text, #text, p{  
    color:rgb(154, 130, 131)  
}
```

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(154, 130, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 130, 131) }
```

Border

The CSS property to change the border of an element to XYZ 25.4058, 24.4740, 24.8576 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(154, 130, 131) }
```


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

```
.border{ border-color:rgb(154, 130, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 130, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 130, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 130, 131);  
box-shadow:4px 4px 4px 4px rgb(154, 130,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4058, 24.4740, 24.8576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 130, 131) }
```

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

```
.background{ background-color: rgb(154,  
130, 131) }
```

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