

Converting Colors

XYZ(25.6381, 26.0043, 29.2481)

Have a look what the booklet for
XYZ(25.6381, 26.0043, 29.2481)
contains.

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Color

**XYZ(25.5052, 25.8641,
29.2392)**

Conversions

Conversions Part 1

Format	Color
Hex	91898E
RGB	145, 137, 142
RGB Percent	57%, 54%, 56%
CMY	0.4314, 0.4627, 0.4431
CMYK	0.00, 0.06, 0.02, 0.43
HSL	323°, 4%, 55%
HSV	323°, 6%, 57%
XYZ	25.5052, 25.8641, 29.2392
YIQ	139.9620, 3.1630, 3.2510

Conversions

Conversions Part 2

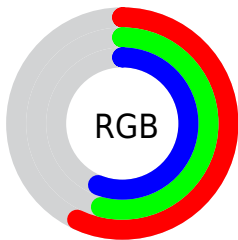
Format	Color
R_{YB}	145, 137, 142
Decimal	9537934
CIE _{Lab}	57.91, 3.93, -1.61
CIE _{LCh}	58, 4.249, 337.808
Y _{xy}	25.8641, 0.3164, 0.3209
Android (android.graphics.Color)	4287728014 (0xFF91898E)
Y _{UV}	139.9620, 1.0047, 4.4183
Hunter-Lab	50.8568, 0.5203, 1.5120

Details

The XYZ color **25.5052, 25.8641, 29.2392** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.1765, 27.4633, 28.7863**, and the grayscale version is **24.9085, 26.2057, 28.5380**.

A 20% lighter version of the original color is **51.9304, 52.9545, 59.7088**, and **10.0593, 10.0220, 11.5295** is the 20% darker color. If you saturate the color by 10%, you get **23.1827, 21.8565, 26.4993**, and if you desaturate by 10%, it is **28.1261, 30.4360, 32.1775**.

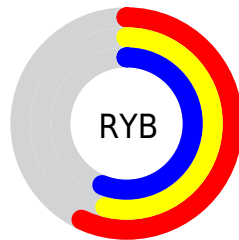
Distribution



Red (57%)

Green (54%)

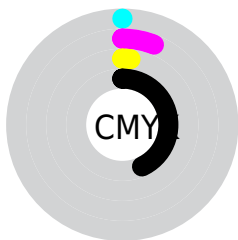
Blue (56%)



Red (57%)

Yellow (54%)

Blue (56%)

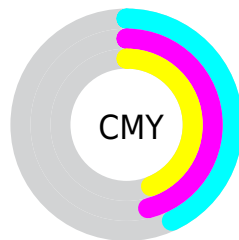


Cyan (0%)

Magenta (6%)

Yellow (2%)

Black (43%)



Cyan (43%)

Magenta (46%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5052, 25.8641, 29.2392 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 25.5052, 25.8641, 29.2392 by changing the saturation by 10% instead.

■ 25.5052, 25.8641,
29.2392

■ 25.5052, 25.8641,
29.2392

272.6461,
282.1143, 312.4381

■ 16.5846, 16.7220,
19.0147

■ 51.9126, 53.0556,
59.5036

■ 10.0322, 10.0365,
11.5040

■ 70.1302, 71.8738,
80.3806

■ 5.4828, 5.4232,
6.2885

■ 92.1774, 94.6862,
105.6456

■ 2.5708, 2.4976,
2.9497

118.4196,
121.8771, 135.7170

■ 0.9311, 0.8754,
1.0690

149.2223,
153.8310, 171.0134

■ 0.0000, 0.0000,
0.0000

184.9506,

190.9323, 211.9534

225.9701,
233.5652, 258.9554

■ 25.5052, 25.8641,
29.2392

■ 25.5052, 25.8641,
29.2392

■ 23.1827, 21.8565,
26.4993

■ 28.1261, 30.4360,
32.1775

■ 21.1452, 18.3877,
23.9511

■ 31.0539, 35.5896,
35.3175

■ 19.3814, 15.4354,
21.5897

■ 34.2994, 41.3458,
38.6643

■ 17.8785, 12.9743,
19.4092

■ 37.8721, 47.7234,
42.2227

■ 16.6224, 10.9770,
17.4037

■ 41.7814, 54.7405,
45.9967

■ 15.5980, 9.4133,
15.5665

■ 46.0361, 62.4142,
49.9908

■ 14.7881, 8.2497,
13.8903

■ 50.6446, 70.7613,
54.2089

■ 14.1731, 7.4474,
12.3670

■ 55.6151, 79.7976,
58.6551

■ 13.7257, 6.9522,
10.9858

■ 56.8360, 81.2993,
61.9598

Harmonies

Analogous

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



25.1910, 25.8641, 30.4466



25.5052, 25.8641, 29.2392



25.5706, 25.8641, 27.7806

Triad

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



25.5052, 25.8641, 29.2392



24.4497, 25.8641, 25.4616



23.8140, 25.8641, 29.9242

Complementary

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



25.5052, 25.8641, 29.2392



25.1765, 27.4633, 28.7863

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.



23.6213, 25.8641, 28.5461



25.5052, 25.8641, 29.2392



23.9849, 25.8641, 25.9939

Square

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



25.5052, 25.8641, 29.2392



24.9565, 25.8641, 25.6327



23.6834, 25.8641, 27.1108



24.2134, 25.8641, 30.8516

Rectangle

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



25.5052, 25.8641, 29.2392



25.4635, 25.8641, 26.8676



23.6834, 25.8641, 27.1108



23.7232, 25.8641, 29.4965

Sweetspot

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



25.5059, 25.8652, 29.2398



47.2455, 49.0475, 54.1505



24.8615, 25.5066, 30.4013



10.5238, 10.9347, 12.0616



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.



25.5059, 25.8652, 29.2398



44.9627, 45.0819, 51.5394



25.2159, 25.7492, 27.7124



5.6402, 5.6477, 6.4651



11.6339, 5.8106, 8.9895



0.1219, 0.0598, 0.1424

Inverse Universe

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



25.5059, 25.8652, 29.2398



44.9627, 45.0819, 51.5394



25.4717, 27.5813, 30.3405



5.6402, 5.6477, 6.4651



11.6339, 5.8106, 8.9895



0.1219, 0.0598, 0.1424

Previews

White Background



This preview shows how the XYZ color 25.5052, 25.8641, 29.2392 looks on a white background.

Color Contrast Check

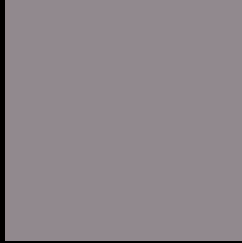
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.5052, 25.8641, 29.2392 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

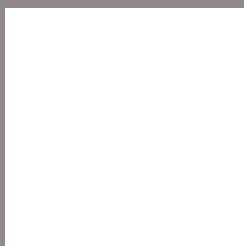
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.5052, 25.8641, 29.2392

Background



This preview shows how black text looks on a background with the XYZ color 25.5052, 25.8641, 29.2392.



This preview shows how white text looks on a background with the XYZ color 25.5052, 25.8641,

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

25.5052, 25.8641, 29.2392

Protanopia

25.0309, 25.8228, 29.6516

Deuteranopia

26.3090, 25.8602, 29.1961



Tritanopia

25.9247, 25.8259, 31.2223

Trichromacy



Original Color

25.5052, 25.8641, 29.2392

Protanomaly

25.2017, 25.9109, 29.6596

Deuteranomaly

26.0811, 25.9509, 29.2256

Tritanomaly

25.7691, 25.7636, 30.4028

Monochromacy



Original Color

25.5052, 25.8641, 29.2392

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.1957, 26.1391, 28.9167

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5052, 25.8641, 29.2392 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(145, 137, 142)` looks like.

```
.text, #text, p{  
    color:rgb(145, 137, 142)  
}
```

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(145, 137, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 137, 142) }
```

Border

The CSS property to change the border of an element to XYZ 25.5052, 25.8641, 29.2392 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(145, 137, 142) }
```


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

```
.border{ border-color:rgb(145, 137, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 137, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 137, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 137, 142);  
box-shadow:4px 4px 4px 4px rgb(145, 137,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5052, 25.8641, 29.2392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 137, 142) }
```

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

```
.background{ background-color: rgb(145,  
137, 142) }
```

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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