

Converting Colors

XYZ(25.8668, 26.2436, 20.5318)

Have a look what the booklet for
XYZ(25.8668, 26.2436, 20.5318)
contains.

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Color

**XYZ(25.8668, 26.2436,
20.5318)**

Conversions

Conversions Part 1

Format	Color
Hex	9C8975
RGB	156, 137, 117
RGB Percent	61%, 54%, 46%
CMY	0.3882, 0.4627, 0.5412
CMYK	0.00, 0.12, 0.25, 0.39
HSL	31°, 16%, 54%
HSV	31°, 25%, 61%
XYZ	25.8668, 26.2436, 20.5318
YIQ	140.4010, 17.7440, -2.1920

Conversions

Conversions Part 2

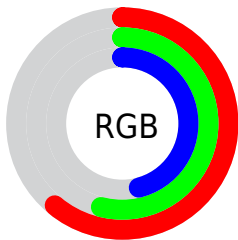
Format	Color
RYB	154, 156, 117
Decimal	10258805
CIELab	58.27, 3.90, 13.36
CIELCh	58, 13.917, 73.722
Yxy	26.2436, 0.3561, 0.3613
Android (android.graphics.Color)	4288448885 (0xFF9C8975)
YUV	140.4010, -11.5367, 13.6803
Hunter-Lab	51.2285, 0.4801, 12.0972

Details

The XYZ color **25.8668, 26.2436, 20.5318** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.1407, 23.7897, 34.8774**, and the grayscale version is **25.1226, 26.4309, 28.7832**.

A 20% lighter version of the original color is **52.4389, 53.5404, 45.1066**, and **10.1913, 10.1891, 7.0598** is the 20% darker color. If you saturate the color by 10%, you get **23.9828, 23.8230, 15.7495**, and if you desaturate by 10%, it is **27.9812, 28.8799, 26.1457**.

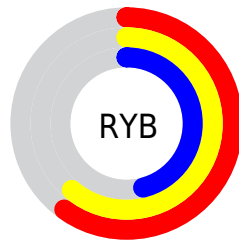
Distribution



Red (61%)

Green (54%)

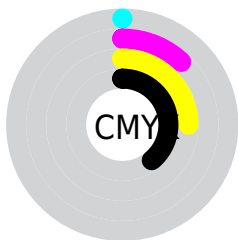
Blue (46%)



Red (60%)

Yellow (61%)

Blue (46%)

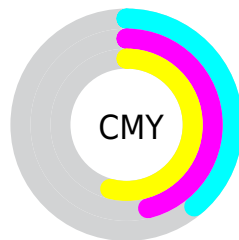


Cyan (0%)

Magenta (12%)

Yellow (25%)

Black (39%)



Cyan (39%)

Magenta (46%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8668, 26.2436, 20.5318 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 25.8668, 26.2436, 20.5318 by changing the saturation by 10% instead.

■ 25.8668, 26.2436,
20.5318

■ 25.8668, 26.2436,
20.5318

274.3963,
283.9759, 267.4785

■ 16.8562, 17.0060,
12.5943

■ 52.4928, 53.6677,
45.1776

■ 10.2267, 10.2387,
7.0224

■ 70.8389, 72.6229,
62.7230

■ 5.6129, 5.5575,
3.3974

■ 93.0276, 95.5861,
84.3082

■ 2.6496, 2.5780,
1.3010

119.4241,
122.9417, 110.3516

■ 0.9713, 0.9156,
0.0626

150.3939,
155.0741, 141.2718

■ 0.0000, 0.0000,
0.0000

186.3023,

192.3677, 177.4873

227.5146,
235.2068, 219.4167

■ 25.8668, 26.2436,
20.5318

■ 25.8668, 26.2436,
20.5318

■ 23.9828, 23.8230,
15.7495

■ 27.9812, 28.8799,
26.1457

■ 22.3179, 21.6083,
11.7567

■ 30.3325, 31.7343,
32.6271

■ 20.8630, 19.5944,
8.5102

■ 32.9293, 34.8133,
40.0119

■ 19.6075, 17.7742,
5.9618

■ 35.7794, 38.1225,
48.3334

■ 18.5394, 16.1402,
4.0578

■ 38.8901, 41.6668,
57.6232

■ 17.6455, 14.6844,
2.7362

■ 42.2684, 45.4514,
67.9113

■ 16.9090, 13.3969,
1.9187

■ 45.9209, 49.4809,
79.2267

■ 16.5800, 12.8074,
1.5982

■ 49.8541, 53.7602,
91.5970

■ 53.6853, 58.1379,
103.0000

Harmonies

Analogous

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



27.3696, 26.2436, 22.6068



25.8668, 26.2436, 20.5318



24.1800, 26.2436, 20.4456

Triad

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



25.8668, 26.2436, 20.5318



21.9149, 26.2436, 30.8424



27.2605, 26.2436, 35.8511

Complementary

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



25.8668, 26.2436, 20.5318



22.1407, 23.7897, 34.8774

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.



25.7235, 26.2436, 38.6154



25.8668, 26.2436, 20.5318



22.6657, 26.2436, 35.5103

Square

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



25.8668, 26.2436, 20.5318



21.9494, 26.2436, 26.0420



24.0429, 26.2436, 38.4840



28.1988, 26.2436, 31.2668

Rectangle

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



25.8668, 26.2436, 20.5318



23.1809, 26.2436, 21.5048



24.0429, 26.2436, 38.4840



26.7938, 26.2436, 37.0459

Sweetspot

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



25.8675, 26.2448, 20.5323



54.1419, 56.4955, 56.6060



24.5513, 21.5826, 26.3514



11.8628, 12.3702, 12.3145



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.



25.8675, 26.2448, 20.5323



45.0175, 45.1602, 32.2513



28.8097, 32.1292, 21.5131



6.9002, 7.1805, 7.0080



13.6917, 10.6190, 1.3280



0.2871, 0.2745, 0.0378

Inverse Universe

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



22.1407, 23.7897, 34.8774



37.0610, 39.9191, 62.8786



19.6984, 18.9051, 34.0633



6.5381, 6.9419, 8.4020



7.1053, 6.3021, 26.7492



0.1693, 0.1971, 0.4924

Previews

White Background



This preview shows how the XYZ color 25.8668, 26.2436, 20.5318 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 25.8668, 26.2436, 20.5318 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

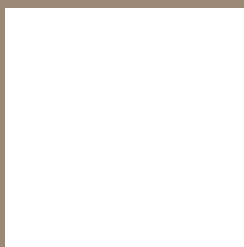
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.8668, 26.2436, 20.5318

Background



This preview shows how black text looks on a background with the XYZ color 25.8668, 26.2436, 20.5318.



This preview shows how white text looks on a background with the XYZ color 25.8668, 26.2436,

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

25.8668, 26.2436, 20.5318

Protanopia

24.8608, 26.3601, 20.9172

Deuteranopia

26.7752, 26.2937, 20.4936



Tritanopia

27.7196, 26.1596, 29.9739

Trichromacy



Original Color

25.8668, 26.2436, 20.5318

Protanomaly

25.2651, 26.3526, 20.8945

Deuteranomaly

26.5122, 26.3663, 20.5215

Tritanomaly

26.9287, 26.0405, 26.1613

Monochromacy



Original Color

25.8668, 26.2436, 20.5318

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.2515, 26.2422, 25.5641

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8668, 26.2436, 20.5318 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(156, 137, 117)` looks like.

```
.text, #text, p{  
    color:rgb(156, 137, 117)  
}
```

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(156, 137, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 137, 117) }
```

Border

The CSS property to change the border of an element to XYZ 25.8668, 26.2436, 20.5318 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(156, 137, 117) }
```


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

```
.border{ border-color:rgb(156, 137, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 137, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 137, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 137, 117);  
box-shadow:4px 4px 4px 4px rgb(156, 137,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8668, 26.2436, 20.5318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 137, 117) }
```

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

```
.background{ background-color: rgb(156,  
137, 117) }
```

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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