

Converting Colors

XYZ(25.0457, 26.7953, 14.8795)

Have a look what the booklet for
XYZ(25.0457, 26.7953, 14.8795)
contains.

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Color

**XYZ(25.1538, 26.8628,
14.9256)**

Conversions

Conversions Part 1

Format	Color
Hex	9B8D60
RGB	155, 141, 96
RGB Percent	61%, 55%, 38%
CMY	0.3922, 0.4470, 0.6235
CMYK	0.00, 0.09, 0.38, 0.39
HSL	46°, 24%, 49%
HSV	46°, 38%, 61%
XYZ	25.1538, 26.8628, 14.9256
YIQ	140.0560, 22.7890, -11.0270

Conversions

Conversions Part 2

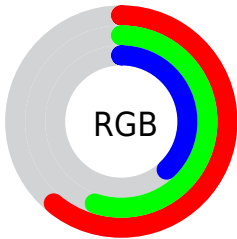
Format	Color
RYB	114, 155, 96
Decimal	10194272
CIELab	58.85, -1.60, 25.92
CIElCh	59, 25.974, 93.536
Yxy	26.8628, 0.3758, 0.4013
Android (android.graphics.Color)	4288384352 (0xFF9B8D60)
YUV	140.0560, -21.7196, 13.1059
Hunter-Lab	51.8293, -4.0718, 19.2064

Details

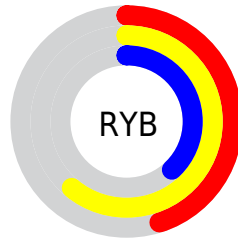
The XYZ color **25.1538, 26.8628, 14.9256** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.3162, 16.0049, 33.2398**, and the grayscale version is **25.0251, 26.3284, 28.6716**.

A 20% lighter version of the original color is **51.1366, 54.3918, 35.4072**, and **9.8890, 10.5875, 4.4281** is the 20% darker color. If you saturate the color by 10%, you get **23.9764, 25.5396, 11.3528**, and if you desaturate by 10%, it is **26.4913, 28.2808, 19.2466**.

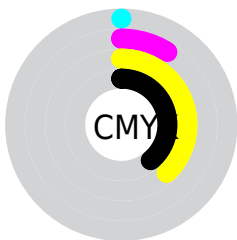
Distribution



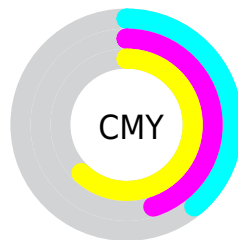
- Red (61%)
- Green (55%)
- Blue (38%)



- Red (45%)
- Yellow (61%)
- Blue (38%)



- Cyan (0%)
- Magenta (9%)
- Yellow (38%)
- Black (39%)



- Cyan (39%)
- Magenta (45%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1538, 26.8628, 14.9256 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 25.1538, 26.8628, 14.9256 by changing the saturation by 10% instead.

■ 25.1538, 26.8628,
14.9256

■ 25.1538, 26.8628,
14.9256

270.9365,
286.9922, 234.5407

■ 16.3210, 17.4702,
8.6211

■ 51.3477, 54.6636,
35.4631

■ 9.8439, 10.5703,
4.4015

■ 69.4396, 73.8407,
50.5331

■ 5.3570, 5.7787,
1.8481

■ 91.3485, 97.0479,
69.3622

■ 2.4951, 2.7110,
0.4594

■ 117.4398,
124.6699, 92.3687

■ 0.8928, 0.9828,
0.0000

148.0789,
157.0909, 119.9713

■ 0.0000, 0.0000,
0.0000

183.6312,

194.6954, 152.5885

224.4620,
237.8677, 190.6388

■ 25.1538, 26.8628,
14.9256

■ 25.1538, 26.8628,
14.9256

■ 23.9764, 25.5396,
11.3528

■ 26.4913, 28.2808,
19.2466

■ 22.9486, 24.3037,
8.4828

■ 27.9947, 29.7933,
24.3544

■ 22.0616, 23.1525,
6.2676

■ 29.6718, 31.4046,
30.2869

■ 21.3051, 22.0814,
4.6527

■ 31.5296, 33.1178,
37.0790

■ 20.6667, 21.0853,
3.5746

■ 33.5743, 34.9357,
44.7638

■ 20.1239, 20.1548,
2.9158

■ 35.8122, 36.8609,
53.3724

■ 20.0231, 19.9795,
2.8011

■ 38.2488, 38.8960,
62.9345

■ 40.8899, 41.0435,
73.4784

■ 43.7407, 43.3058,
85.0313

Harmonies

Analogous

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



28.3801, 26.8628, 16.1162



25.1538, 26.8628, 14.9256



22.2747, 26.8628, 16.8595

Triad

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



25.1538, 26.8628, 14.9256



20.7293, 26.8628, 40.1313



31.4603, 26.8628, 37.8464

Complementary

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



25.1538, 26.8628, 14.9256



16.3162, 16.0049, 33.2398

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.



29.0930, 26.8628, 46.5780



25.1538, 26.8628, 14.9256



22.8816, 26.8628, 48.0794

Square

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



25.1538, 26.8628, 14.9256



19.8586, 26.8628, 30.3520



25.9145, 26.8628, 50.6548



32.1951, 26.8628, 28.1731

Rectangle

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



25.1538, 26.8628, 14.9256



20.8870, 26.8628, 19.9583



25.9145, 26.8628, 50.6548



30.8198, 26.8628, 41.0509

Sweetspot

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



25.1545, 26.8640, 14.9262



52.1582, 55.3134, 50.7296



20.5562, 16.4768, 17.0641



11.7198, 12.4378, 11.1771



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.



25.1545, 26.8640, 14.9262



43.1709, 46.0068, 21.0117



24.6903, 29.8846, 15.5337



6.5847, 6.9744, 6.6050



16.1128, 16.1080, 2.2599



0.2679, 0.2948, 0.0428

Inverse Universe

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



16.3162, 16.0049, 33.2398



24.9607, 23.6457, 58.7848



16.6237, 14.0959, 32.8552



5.9976, 6.2525, 7.8197



5.3035, 3.0037, 25.2080



0.1039, 0.0941, 0.3851

Previews

White Background



This preview shows how the XYZ color 25.1538, 26.8628, 14.9256 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 25.1538, 26.8628, 14.9256 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 25.1538, 26.8628, 14.9256

Background



This preview shows how black text looks on a background with the XYZ color 25.1538, 26.8628, 14.9256.



This preview shows how white text looks on a background with the XYZ color 25.1538, 26.8628,

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

25.1538, 26.8628, 14.9256

Protanopia

24.9212, 26.9628, 14.9572

Deuteranopia

27.3240, 26.9064, 15.0626



Tritanopia

28.2720, 26.8459, 30.4797

Trichromacy



Original Color

25.1538, 26.8628, 14.9256

Protanomaly

25.1107, 27.0606, 14.9661

Deuteranomaly

26.5560, 26.9325, 15.1081

Tritanomaly

26.8770, 26.6927, 23.8143

Monochromacy



Original Color

25.1538, 26.8628, 14.9256

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.6932, 26.2311, 22.8304

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1538, 26.8628, 14.9256 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(155, 141, 96)` looks like.

```
.text, #text, p{  
    color:rgb(155, 141, 96)  
}
```

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(155, 141, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 141, 96) }
```

Border

The CSS property to change the border of an element to XYZ 25.1538, 26.8628, 14.9256 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(155, 141, 96) }
```


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

```
.border{ border-color:rgb(155, 141, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 141, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 141, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 141, 96);  
box-shadow:4px 4px 4px 4px rgb(155, 141,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1538, 26.8628, 14.9256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 141, 96) }
```

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

```
.background{ background-color: rgb(155,  
141, 96) }
```

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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