

Converting Colors

XYZ(25.9181, 26.0861, 15.5241)

Have a look what the booklet for
XYZ(25.9181, 26.0861, 15.5241)
contains.

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Color

**XYZ(25.9566, 26.1906,
15.4916)**

Conversions

Conversions Part 1

Format	Color
Hex	A28863
RGB	162, 136, 99
RGB Percent	64%, 53%, 39%
CMY	0.3647, 0.4666, 0.6118
CMYK	0.00, 0.16, 0.39, 0.36
HSL	35°, 25%, 51%
HSV	35°, 39%, 64%
XYZ	25.9566, 26.1906, 15.4916
YIQ	139.5560, 27.3730, -5.9950

Conversions

Conversions Part 2

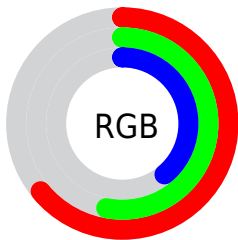
Format	Color
RYB	143, 162, 99
Decimal	10651747
CIELab	58.22, 4.49, 23.55
CIElCh	58, 23.976, 79.204
Yxy	26.1906, 0.3838, 0.3872
Android (android.graphics.Color)	4288841827 (0xFFA28863)
YUV	139.5560, -19.9941, 19.6834
Hunter-Lab	51.1768, 0.9750, 17.8762

Details

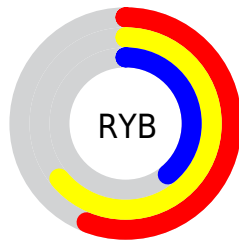
The XYZ color **25.9566, 26.1906, 15.4916** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.0005, 19.9278, 37.0274**, and the grayscale version is **24.8232, 26.1160, 28.4403**.

A 20% lighter version of the original color is **52.6161, 53.5026, 36.4080**, and **10.2543, 10.1547, 4.6684** is the 20% darker color. If you saturate the color by 10%, you get **24.3464, 24.0877, 11.5096**, and if you desaturate by 10%, it is **27.7822, 28.4755, 20.3125**.

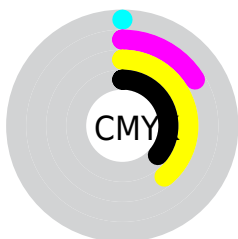
Distribution



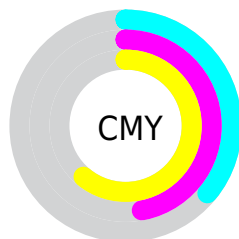
- Red (64%)
- Green (53%)
- Blue (39%)



- Red (56%)
- Yellow (64%)
- Blue (39%)



- Cyan (0%)
- Magenta (16%)
- Yellow (39%)
- Black (36%)



- Cyan (36%)
- Magenta (47%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9566, 26.1906, 15.4916 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 25.9566, 26.1906, 15.4916 by changing the saturation by 10% instead.

■ 25.9566, 26.1906,
15.4916

■ 25.9566, 26.1906,
15.4916

274.8296,
283.7165, 238.0652

■ 16.9237, 16.9663,
9.0147

■ 52.6367, 53.5823,
36.4677

■ 10.2751, 10.2105,
4.6538

■ 71.0146, 72.5184,
51.8040

■ 5.6454, 5.5387,
1.9905

■ 93.2383, 95.4606,
70.9306

■ 2.6693, 2.5667,
0.5494

■ 119.6730,
122.7933, 94.2658

■ 0.9814, 0.9099,
0.0000

150.6841,
154.9008, 122.2284

■ 0.0000, 0.0000,
0.0000

186.6370,

192.1676, 155.2367

227.8970,
234.9780, 193.7095

■ 25.9566, 26.1906,
15.4916

■ 25.9566, 26.1906,
15.4916

■ 24.3464, 24.0877,
11.5096

■ 27.7822, 28.4755,
20.3125

■ 22.9392, 22.1574,
8.3155

■ 29.8310, 30.9444,
26.0162

■ 21.7244, 20.3945,
5.8547

■ 32.1124, 33.6035,
32.6454

■ 20.6889, 18.7921,
4.0654

■ 34.6348, 36.4578,
40.2395

■ 19.8181, 17.3424,
2.8752

■ 37.4063, 39.5121,
48.8358

■ 19.0836, 16.0321,
2.1404

■ 40.4344, 42.7709,
58.4692

■ 19.0063, 15.8934,
2.0660

■ 43.7264, 46.2386,
69.1734

■ 47.2890, 49.9192,
80.9801

■ 51.1289, 53.8169,
93.9201

Harmonies

Analogous

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



28.7323, 26.1906, 18.0221



25.9566, 26.1906, 15.4916



23.0974, 26.1906, 15.9001

Triad

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



25.9566, 26.1906, 15.4916



19.9731, 26.1906, 34.1212



29.3755, 26.1906, 40.3248

Complementary

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



25.9566, 26.1906, 15.4916



19.0005, 19.9278, 37.0274

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.



26.7801, 26.1906, 46.4910



25.9566, 26.1906, 15.4916



21.4126, 26.1906, 42.4546

Square

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



25.9566, 26.1906, 15.4916



19.7903, 26.1906, 25.6186



23.8596, 26.1906, 47.3386



30.8060, 26.1906, 31.6264

Rectangle

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



25.9566, 26.1906, 15.4916



21.5206, 26.1906, 17.8120



23.8596, 26.1906, 47.3386



28.6014, 26.1906, 42.8292

Sweetspot

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



25.9573, 26.1918, 15.4921



56.8666, 59.3535, 55.0541



23.0800, 18.0924, 21.7619



12.6571, 13.1970, 12.0297



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



25.9573, 26.1918, 15.4921



44.4729, 44.0948, 21.5474



29.0284, 33.8845, 16.8151



7.4032, 7.7448, 7.4848



15.0168, 12.6075, 1.6420



0.3605, 0.3548, 0.0495

Inverse Universe

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



19.0005, 19.9278, 37.0274



29.9714, 31.0471, 66.4692



16.7217, 14.4907, 36.0980



6.9293, 7.3176, 8.9503



6.7525, 5.2844, 27.5939



0.1879, 0.2031, 0.5951

Previews

White Background



This preview shows how the XYZ color 25.9566, 26.1906, 15.4916 looks on a white background.

Color Contrast Check

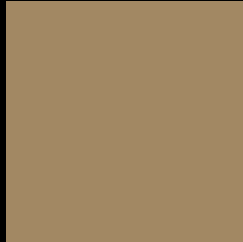
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9566, 26.1906, 15.4916 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 25.9566, 26.1906, 15.4916

Background



This preview shows how black text looks on a background with the XYZ color 25.9566, 26.1906, 15.4916.



This preview shows how white text looks on a background with the XYZ color 25.9566, 26.1906,

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

25.9566, 26.1906, 15.4916

Protanopia

24.4895, 26.2751, 16.0928

Deuteranopia

26.7136, 26.1665, 15.4471



Tritanopia

28.6499, 26.2627, 28.7585

Trichromacy



Original Color

25.9566, 26.1906, 15.4916

Protanomaly

25.0504, 26.3539, 15.8231

Deuteranomaly

26.4332, 26.2281, 15.4737

Tritanomaly

27.6705, 26.2807, 23.3530

Monochromacy



Original Color

25.9566, 26.1906, 15.4916

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.1470, 26.2418, 23.1418

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9566, 26.1906, 15.4916 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(162, 136, 99)` looks like.

```
.text, #text, p{  
    color:rgb(162, 136, 99)  
}
```

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(162, 136, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 136, 99) }
```

Border

The CSS property to change the border of an element to XYZ 25.9566, 26.1906, 15.4916 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(162, 136, 99) }
```


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

```
.border{ border-color:rgb(162, 136, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 136, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 136, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 136, 99);  
box-shadow:4px 4px 4px 4px rgb(162, 136,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9566, 26.1906, 15.4916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 136, 99) }
```

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

```
.background{ background-color: rgb(162,  
136, 99) }
```

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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