

Converting Colors

XYZ(26.8577, 30.9201, 15.4282)

Have a look what the booklet for
XYZ(26.8577, 30.9201, 15.4282)
contains.

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Color

**XYZ(26.9238, 31.0412,
15.3990)**

Conversions

Conversions Part 1

Format	Color
Hex	999B5F
RGB	153, 155, 95
RGB Percent	60%, 61%, 37%
CMY	0.4000, 0.3921, 0.6274
CMYK	0.01, 0.00, 0.39, 0.39
HSL	62°, 24%, 49%
HSV	62°, 39%, 61%
XYZ	26.9238, 31.0412, 15.3990
YIQ	147.5620, 18.0680, -19.0840

Conversions

Conversions Part 2

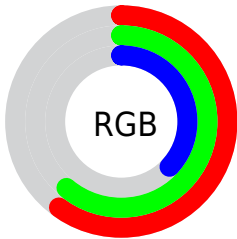
Format	Color
RYB	95, 155, 97
Decimal	10066783
CIELab	62.54, -10.17, 31.22
CIELCh	63, 32.831, 108.046
Yxy	31.0412, 0.3670, 0.4231
Android (android.graphics.Color)	4288256863 (0xFF999B5F)
YUV	147.5620, -25.9131, 4.7691
Hunter-Lab	55.7146, -11.2414, 22.6130

Details

The XYZ color **26.9238, 31.0412, 15.3990** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **14.9395, 13.0931, 32.7519**, and the grayscale version is **28.0657, 29.5273, 32.1553**.

A 20% lighter version of the original color is **54.0012, 61.0861, 36.1388**, and **10.8302, 12.8726, 4.6032** is the 20% darker color. If you saturate the color by 10%, you get **26.1910, 30.7379, 12.0458**, and if you desaturate by 10%, it is **27.7988, 31.4036, 19.4920**.

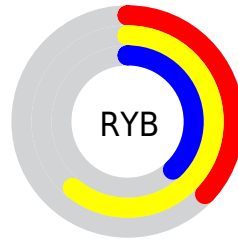
Distribution



Red (60%)

Green (61%)

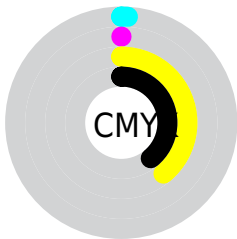
Blue (37%)



Red (37%)

Yellow (61%)

Blue (38%)

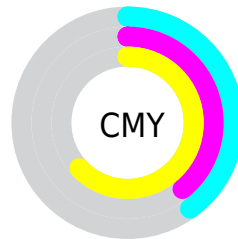


Cyan (1%)

Magenta (0%)

Yellow (39%)

Black (39%)



Cyan (40%)

Magenta (39%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9238, 31.0412, 15.3990 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 26.9238, 31.0412, 15.3990 by changing the saturation by 10% instead.

■ 26.9238, 31.0412,
15.3990

■ 26.9238, 31.0412,
15.3990

279.4623,
306.7281, 237.4921

■ 17.6523, 20.6302,
8.9502

■ 54.1823, 61.3049,
36.3038

■ 10.7988, 12.8540,
4.6123

■ 72.9000, 81.9265,
51.5968

■ 5.9980, 7.3281,
1.9669

■ 95.4972, 106.7203,
70.6750

■ 2.8845, 3.6681,
0.5348

■ 122.3392,
136.0709, 93.9569

■ 1.0930, 1.4897,
0.0000

153.7913,
170.3626, 121.8610

■ 0.0192, 0.2815,
0.0000

190.2190,

■ 0.0000, 0.0000,

209.9797, 154.8059

0.0000

231.9875,
255.3068, 193.2101

■ 26.9238, 31.0412,
15.3990

■ 26.9238, 31.0412,
15.3990

■ 26.1910, 30.7379,
12.0458

■ 27.7988, 31.4036,
19.4920

■ 25.5898, 30.4862,
9.3863

■ 28.8213, 31.8240,
24.3631

■ 25.1116, 30.2838,
7.3726


■ 29.9992, 32.3065,
30.0506

■ 24.7460, 30.1264,
5.9496


■ 31.3393, 32.8540,
36.5895


■ 24.4808, 30.0093,
5.0531

■ 32.8477, 33.4689,
44.0128


 24.2912, 29.9224,
4.5527

 34.5304, 34.1535,
52.3517

 24.2680, 29.9117,
4.4945

 36.3931, 34.9102,
61.6359

 38.4411, 35.7411,
71.8939

 40.6796, 36.6482,
83.1529

Harmonies

Analogous

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



31.3176, 31.0412, 15.0021



26.9238, 31.0412, 15.3990



23.5696, 31.0412, 19.8839

Triad

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



26.9238, 31.0412, 15.3990



24.1293, 31.0412, 55.5747



38.7231, 31.0412, 39.1504

Complementary

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



26.9238, 31.0412, 15.3990



14.9395, 13.0931, 32.7519

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.



36.3586, 31.0412, 53.0408



26.9238, 31.0412, 15.3990



27.7613, 31.0412, 64.0036

Square

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



26.9238, 31.0412, 15.3990



22.0717, 31.0412, 42.0000



32.2434, 31.0412, 62.9743



38.4408, 31.0412, 26.7410

Rectangle

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



26.9238, 31.0412, 15.3990



22.2372, 31.0412, 25.4158



32.2434, 31.0412, 62.9743



38.2024, 31.0412, 43.8475

Sweetspot

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



26.9246, 31.0426, 15.3997



52.9465, 57.5368, 50.0545



19.8588, 16.3450, 12.9351



11.9268, 12.9997, 11.0524



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.



26.9246, 31.0426, 15.3997



47.1229, 55.1370, 22.5657



21.9564, 28.4814, 15.1671



6.6885, 7.2124, 6.6455



19.4977, 24.0273, 3.6101



0.2969, 0.3620, 0.0542

Inverse Universe

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



14.9395, 13.0931, 32.7519



22.7077, 18.5660, 57.9231



18.7619, 15.0637, 32.9308



5.9026, 6.0357, 7.7829



4.8107, 1.9311, 25.0269



0.0764, 0.0312, 0.3744

Previews

White Background



This preview shows how the XYZ color 26.9238, 31.0412, 15.3990 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 26.9238, 31.0412, 15.3990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

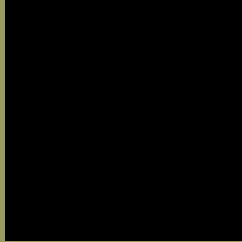
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.9238, 31.0412, 15.3990

Background



This preview shows how black text looks on a background with the XYZ color 26.9238, 31.0412, 15.3990.



This preview shows how white text looks on a background with the XYZ color 26.9238, 31.0412,

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

26.9238, 31.0412, 15.3990

Protanopia

28.6040, 30.9407, 15.0542

Deuteranopia

31.4223, 30.7547, 15.5894



Tritanopia

31.1889, 30.8442, 37.1106

Trichromacy



Original Color

26.9238, 31.0412, 15.3990

Protanomaly

27.9466, 30.8417, 15.0698

Deuteranomaly

29.4958, 30.6823, 15.4340

Tritanomaly

29.2549, 30.7584, 27.6876

Monochromacy



Original Color

26.9238, 31.0412, 15.3990

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.6067, 30.2022, 25.1435

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9238, 31.0412, 15.3990 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(153, 155, 95)` looks like.

```
.text, #text, p{  
    color:rgb(153, 155, 95)  
}
```

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(153, 155, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 155, 95) }
```

Border

The CSS property to change the border of an element to XYZ 26.9238, 31.0412, 15.3990 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(153, 155, 95) }
```


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

```
.border{ border-color:rgb(153, 155, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 155, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 155, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 155, 95);  
box-shadow:4px 4px 4px 4px rgb(153, 155,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9238, 31.0412, 15.3990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 155, 95) }
```

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

```
.background{ background-color: rgb(153,  
155, 95) }
```

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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