

Converting Colors

XYZ(26.9095, 28.9190, 5.7210)

Have a look what the booklet for
XYZ(26.9095, 28.9190, 5.7210)
contains.

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Color

**XYZ(26.7910, 28.8072,
5.7384)**

Conversions

Conversions Part 1

Format	Color
Hex	A99123
RGB	169, 145, 35
RGB Percent	66%, 57%, 14%
CMY	0.3373, 0.4314, 0.8627
CMYK	0.00, 0.14, 0.79, 0.34
HSL	49°, 66%, 40%
HSV	49°, 79%, 66%
XYZ	26.7910, 28.8072, 5.7384
YIQ	139.6360, 49.6140, -29.1220

Conversions

Conversions Part 2

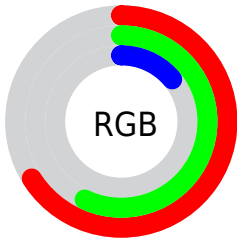
Format	Color
R_{YB}	64, 169, 35
Decimal	11112739
CIE _{Lab}	60.61, -2.39, 57.10
CIE _{LCh}	61, 57.153, 92.393
Yxy	28.8072, 0.4368, 0.4697
Android (android.graphics.Color)	4289302819 (0xFFA99123)
YUV	139.6360, -51.5855, 25.7522
Hunter-Lab	53.6723, -4.8268, 31.2316

Details

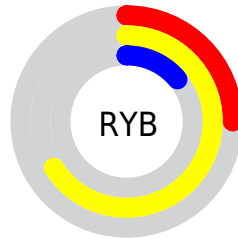
The XYZ color **26.7910, 28.8072, 5.7384** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **9.4186, 6.3498, 38.2651**, and the grayscale version is **24.9670, 26.2672, 28.6050**.

A 20% lighter version of the original color is **53.9051, 57.8990, 17.7857**, and **10.9023, 11.6951, 1.6828** is the 20% darker color. If you saturate the color by 10%, you get **26.1419, 27.8186, 4.5684**, and if you desaturate by 10%, it is **27.5746, 29.8716, 7.5500**.

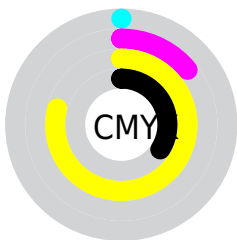
Distribution



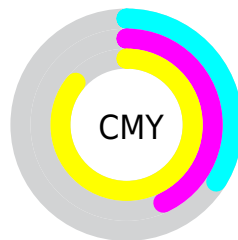
- Red (66%)
- Green (57%)
- Blue (14%)



- Red (25%)
- Yellow (66%)
- Blue (14%)



- Cyan (0%)
- Magenta (14%)
- Yellow (79%)
- Black (34%)





- Cyan (34%)
- Magenta (43%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.7910, 28.8072, 5.7384 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 26.7910, 28.8072, 5.7384 by changing the saturation by 10% instead.


 26.7910, 28.8072,
5.7384


 26.7910, 28.8072,
5.7384


278.8298,
296.3042, 165.9374


 17.5521, 18.9350,
2.6205


 53.9706, 57.7706,
17.8537


 10.7266, 11.6233,
0.9030


 72.6419, 77.6307,
27.6881

 5.9493, 6.4877,
0.0000


 95.1882, 101.5888,
40.5984

 2.8546, 3.1439,
0.0000

 121.9746,
130.0293, 57.0031

 1.0774, 1.2073,
0.0000

 153.3667,
163.3368, 77.3208

 0.0060, 0.0677,
0.0000

 189.7296,

 0.0000, 0.0000,

201.8955, 101.9701

0.0000

231.4289,
246.0898, 131.3694

■ 26.7910, 28.8072,
5.7384

■ 26.7910, 28.8072,
5.7384

■ 26.1419, 27.8186,
4.5684

■ 27.5746, 29.8716,
7.5500

■ 25.5944, 26.8890,
3.8757

■ 28.5060, 31.0139,
10.0822

■ 25.5566, 26.8240,
3.8306

■ 29.5993, 32.2409,
13.4048

■ 30.8660, 33.5575,
17.5784

■ 32.3167, 34.9679,
22.6581

■ 33.9609, 36.4762,
28.6940

■ 35.8076, 38.0861,
35.7328

■ 37.8652, 39.8011,
43.8181

■ 40.1414, 41.6244,
52.9906

Harmonies

Analogous

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



34.5109, 28.8072, 7.3522



26.7910, 28.8072, 5.7384



20.4485, 28.8072, 8.0176

Triad

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



26.7910, 28.8072, 5.7384



17.0449, 28.8072, 58.6253



42.0094, 28.8072, 54.2696

Complementary

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



26.7910, 28.8072, 5.7384



9.4186, 6.3498, 38.2651

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.



35.7246, 28.8072, 79.8365



26.7910, 28.8072, 5.7384



21.3066, 28.8072, 83.0482

Square

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



26.7910, 28.8072, 5.7384



15.4908, 28.8072, 33.0972



27.9783, 28.8072, 92.1666



44.1825, 28.8072, 29.6965

Rectangle

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



26.7910, 28.8072, 5.7384



17.5914, 28.8072, 12.5031



27.9783, 28.8072, 92.1666



40.2579, 28.8072, 63.3501

Sweetspot

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



26.7917, 28.8086, 5.7390



59.2639, 63.9159, 45.6120



17.7675, 9.9590, 5.2014



12.7026, 13.7322, 9.1609



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



26.7917, 28.8086, 5.7390



46.0905, 48.5837, 7.2639



23.1795, 32.9761, 6.7338



8.0309, 8.5419, 8.0147



19.0826, 20.0625, 2.8667



0.4932, 0.5460, 0.0794

Inverse Universe

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



9.4186, 6.3498, 38.2651



14.0314, 7.3374, 67.9018



10.8584, 5.6628, 38.0567



7.2364, 7.5098, 9.4865



5.7176, 2.8954, 28.2330



0.1695, 0.1312, 0.6970

Previews

White Background



This preview shows how the XYZ color 26.7910, 28.8072, 5.7384 looks on a white background.

Color Contrast Check

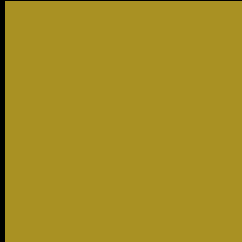
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.7910, 28.8072, 5.7384 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 26.7910, 28.8072, 5.7384

Background



This preview shows how black text looks on a background with the XYZ color 26.7910, 28.8072, 5.7384.



This preview shows how white text looks on a background with the XYZ color 26.7910, 28.8072,

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

26.7910, 28.8072, 5.7384

Protanopia

26.0469, 28.8813, 5.7919

Deuteranopia

29.3496, 28.7955, 5.8449



Tritanopia

31.9837, 28.7504, 31.0578

Trichromacy



Original Color

26.7910, 28.8072, 5.7384

Protanomaly

26.3081, 28.7861, 5.7598

Deuteranomaly

28.4492, 28.7670, 5.8034

Tritanomaly

29.2897, 28.5045, 17.5939

Monochromacy



Original Color

26.7910, 28.8072, 5.7384

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.8338, 26.8846, 16.4507

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7910, 28.8072, 5.7384 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(169, 145, 35)` looks like.

```
.text, #text, p{  
    color:rgb(169, 145, 35)  
}
```

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(169, 145, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 145, 35) }
```

Border

The CSS property to change the border of an element to XYZ 26.7910, 28.8072, 5.7384 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(169, 145, 35) }
```


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

```
.border{ border-color:rgb(169, 145, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 145, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 145, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 145, 35);  
box-shadow:4px 4px 4px 4px rgb(169, 145,  
35) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7910, 28.8072, 5.7384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 145, 35) }
```

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

```
.background{ background-color: rgb(169,  
145, 35) }
```

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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