

Converting Colors

XYZ(26.5955, 27.2821, 4.9318)

Have a look what the booklet for
XYZ(26.5955, 27.2821, 4.9318)
contains.

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Color

**XYZ(26.5317, 27.1450,
4.9398)**

Conversions

Conversions Part 1

Format	Color
Hex	AD8A1C
RGB	173, 138, 28
RGB Percent	68%, 54%, 11%
CMY	0.3216, 0.4588, 0.8902
CMYK	0.00, 0.20, 0.84, 0.32
HSL	46°, 72%, 39%
HSV	46°, 84%, 68%
XYZ	26.5317, 27.1450, 4.9398
YIQ	135.9250, 56.1700, -26.7900

Conversions

Conversions Part 2

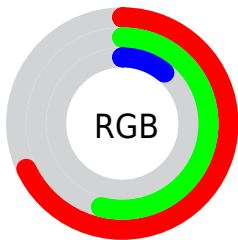
Format	Color
R_{YB}	74, 173, 28
Decimal	11373084
CIE Lab	59.11, 3.03, 58.17
CIE LCh	59, 58.245, 87.018
Yxy	27.1450, 0.4526, 0.4631
Android (android.graphics.Color)	4289563164 (0xFFAD8A1C)
YUV	135.9250, -53.2070, 32.5148
Hunter-Lab	52.1009, -0.2777, 30.8492

Details

The XYZ color **26.5317, 27.1450, 4.9398** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **9.7994, 6.8192, 40.3348**, and the grayscale version is **23.5527, 24.7792, 26.9846**.

A 20% lighter version of the original color is **53.5097, 55.0575, 16.1944**, and **10.7748, 10.8578, 1.5279** is the 20% darker color. If you saturate the color by 10%, you get **25.7937, 25.9107, 3.9495**, and if you desaturate by 10%, it is **27.4129, 28.4756, 6.5651**.

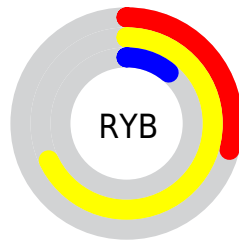
Distribution



Red (68%)

Green (54%)

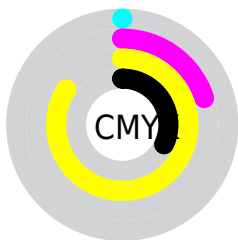
Blue (11%)



Red (29%)

Yellow (68%)

Blue (11%)

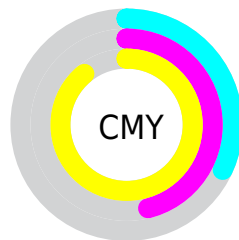


Cyan (0%)

Magenta (20%)

Yellow (84%)

Black (32%)



Cyan (32%)


Magenta (46%)


Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.5317, 27.1450, 4.9398 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 26.5317, 27.1450, 4.9398 by changing the saturation by 10% instead.


 26.5317, 27.1450,
4.9398


 26.5317, 27.1450,
4.9398


277.5916,
288.3585, 158.1597


 17.3566, 17.6822,
2.1539


 53.5567, 55.1165,
16.1250


 10.5859, 10.7220,
0.6476


 72.1373, 74.3939,
25.3613


 5.8544, 5.8802,
0.0000


 94.5837, 97.7116,
37.5849

 2.7965, 2.7724,
0.0000

 121.2614,
125.4540, 53.2142

 1.0471, 1.0141,
0.0000

 152.5357,
158.0055, 72.6677

 0.0000, 0.0000,
0.0000

 188.7719,

195.7505, 96.3642

230.3354,
239.0733, 124.7220

■ 26.5317, 27.1450,
4.9398

■ 26.5317, 27.1450,
4.9398

■ 25.7937, 25.9107,
3.9495

■ 27.4129, 28.4756,
6.5651

■ 25.3828, 25.1827,
3.5229

■ 28.4535, 29.9062,
8.9179

■ 29.6693, 31.4445,
12.0768

■ 31.0733, 33.0962,
16.1101

■ 32.6775, 34.8663,
21.0785

■ 34.4924, 36.7595,
27.0374

■ 36.5281, 38.7803,
34.0381

■ 38.7938, 40.9325,
42.1278

■ 41.2982, 43.2202,
51.3514

Harmonies

Analogous

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



34.1478, 27.1450, 7.1368



26.5317, 27.1450, 4.9398



19.9775, 27.1450, 6.3622

Triad

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



26.5317, 27.1450, 4.9398



15.2770, 27.1450, 51.6270



39.3333, 27.1450, 57.0160

Complementary

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



26.5317, 27.1450, 4.9398



9.7994, 6.8192, 40.3348

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.



32.6575, 27.1450, 81.2222



26.5317, 27.1450, 4.9398



18.9381, 27.1450, 77.2196

Square

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



26.5317, 27.1450, 4.9398



14.2429, 27.1450, 27.5298



25.0829, 27.1450, 89.9509



42.3552, 27.1450, 31.6798

Rectangle

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



26.5317, 27.1450, 4.9398



16.8952, 27.1450, 9.8519



25.0829, 27.1450, 89.9509



37.3875, 27.1450, 65.9356

Sweetspot

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



26.5323, 27.1463, 4.9403



61.2200, 65.2686, 46.5640



18.5816, 10.0880, 5.8563



13.0601, 13.9316, 9.3104



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



26.5323, 27.1463, 4.9403



45.2843, 44.7507, 6.2510



25.4290, 35.2683, 6.5662



8.4964, 8.9977, 8.5023



18.6935, 18.5926, 2.6035



0.5591, 0.5953, 0.0854

Inverse Universe

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



9.7994, 6.8192, 40.3348



14.8355, 8.0568, 71.5790



10.0891, 4.9464, 39.9580



7.7301, 8.0595, 10.1009



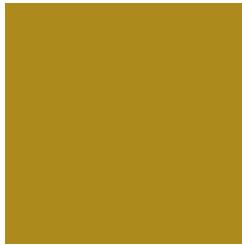
6.1817, 3.4973, 29.3937



0.2143, 0.1819, 0.8318

Previews

White Background



This preview shows how the XYZ color 26.5317, 27.1450, 4.9398 looks on a white background.

Color Contrast Check

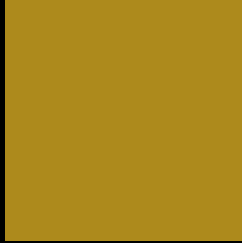
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5317, 27.1450, 4.9398 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 26.5317, 27.1450, 4.9398

Background



This preview shows how black text looks on a background with the XYZ color 26.5317, 27.1450, 4.9398.



This preview shows how white text looks on a background with the XYZ color 26.5317, 27.1450,

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

26.5317, 27.1450, 4.9398

Protanopia

24.5414, 27.2072, 5.1204

Deuteranopia

27.7207, 27.1250, 5.0029



Tritanopia

31.2601, 27.2388, 27.6548

Trichromacy



Original Color

26.5317, 27.1450, 4.9398

Protanomaly

25.2637, 27.1378, 5.0690

Deuteranomaly

27.1574, 27.0441, 4.9511

Tritanomaly

28.5873, 26.7315, 15.2083

Monochromacy



Original Color

26.5317, 27.1450, 4.9398

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.4978, 25.1439, 14.9241

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5317, 27.1450, 4.9398 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(173, 138, 28)` looks like.

```
.text, #text, p{  
    color:rgb(173, 138, 28)  
}
```

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(173, 138, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 138, 28) }
```

Border

The CSS property to change the border of an element to XYZ 26.5317, 27.1450, 4.9398 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(173, 138, 28) }
```


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

```
.border{ border-color:rgb(173, 138, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 138, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 138, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 138, 28);  
box-shadow:4px 4px 4px 4px rgb(173, 138,  
28) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5317, 27.1450, 4.9398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 138, 28) }
```

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

```
.background{ background-color: rgb(173,  
138, 28) }
```

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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