

Converting Colors

XYZ(27.4408, 26.9862, 4.7399)

Have a look what the booklet for
XYZ(27.4408, 26.9862, 4.7399)
contains.

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Color

**XYZ(27.4408, 26.9862,
4.7399)**

Conversions

Conversions Part 1

Format	Color
Hex	B3871A
RGB	179, 135, 26
RGB Percent	70%, 53%, 10%
CMY	0.2980, 0.4706, 0.8980
CMYK	0.00, 0.25, 0.85, 0.30
HSL	43°, 75%, 40%
HSV	43°, 85%, 70%
XYZ	27.4408, 26.9862, 4.7399
YIQ	135.7300, 61.2130, -24.5710

Conversions

Conversions Part 2

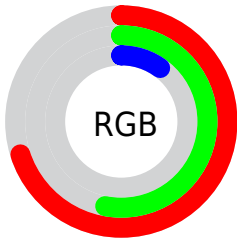
Format	Color
R_{YB}	88, 179, 26
Decimal	11765530
CIE Lab	58.96, 7.35, 58.89
CIE LCh	59, 59.346, 82.883
Yxy	26.9862, 0.4638, 0.4561
Android (android.graphics.Color)	4289955610 (0xFFB3871A)
YUV	135.7300, -54.0969, 37.9478
Hunter-Lab	51.9482, 3.3802, 30.9540

Details

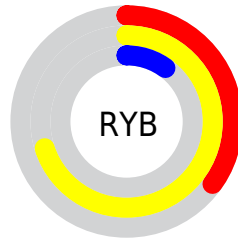
The XYZ color **27.4408, 26.9862, 4.7399** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **10.7529, 7.8547, 43.5968**, and the grayscale version is **23.4814, 24.7042, 26.9029**.

A 20% lighter version of the original color is **55.1028, 54.9264, 15.6803**, and **11.2129, 10.7205, 1.4783** is the 20% darker color. If you saturate the color by 10%, you get **26.5984, 25.5288, 3.7584**, and if you desaturate by 10%, it is **28.4434, 28.5654, 6.3881**.

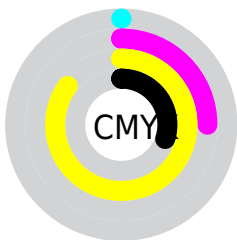
Distribution



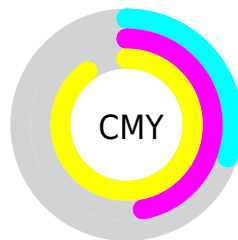
- Red (70%)
- Green (53%)
- Blue (10%)



- Red (35%)
- Yellow (70%)
- Blue (10%)



- Cyan (0%)
- Magenta (25%)
- Yellow (85%)
- Black (30%)



- Cyan (30%)
- Magenta (47%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4408, 26.9862, 4.7399 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 27.4408, 26.9862, 4.7399 by changing the saturation by 10% instead.

■ 27.4408, 26.9862,
4.7399

■ 27.4408, 26.9862,
4.7399

281.9139,
287.5903, 156.1250

■ 18.0428, 17.5629,
2.0394

■ 55.0053, 54.8617,
15.6831

■ 11.0806, 10.6366,
0.5794

■ 73.9026, 74.0827,
24.7630

■ 6.1888, 5.8230,
0.0000

■ 96.6970, 97.3383,
36.8063

■ 3.0020, 2.7378,
0.0000

■ 123.7540,
125.0130, 52.2318

■ 1.1548, 0.9964,
0.0000

■ 155.4388,
157.4912, 71.4578

■ 0.0702, 0.0000,
0.0000

■ 192.1168,

■ 0.0000, 0.0000,

195.1572, 94.9030

0.0000

234.1534,
238.3954, 122.9859

■ 27.4408, 26.9862,
4.7399

■ 27.4408, 26.9862,
4.7399

■ 26.5984, 25.5288,
3.7584

■ 28.4434, 28.5654,
6.3881

■ 26.2478, 24.8988,
3.4225

■ 29.6256, 30.2717,
8.8111

■ 31.0051, 32.1140,
12.0970

■ 32.5967, 34.0989,
16.3216

■ 34.4136, 36.2324,
21.5523

■ 36.4679, 38.5202,
27.8505

■ 38.7706, 40.9672,
35.2723

■ 41.3322, 43.5783,
43.8702

■ 44.1622, 46.3582,
53.6932

Harmonies

Analogous

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



35.1584, 26.9862, 7.4829



27.4408, 26.9862, 4.7399



20.5371, 26.9862, 5.6434

Triad

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



27.4408, 26.9862, 4.7399



14.7077, 26.9862, 48.1000



38.6505, 26.9862, 61.2017

Complementary

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



27.4408, 26.9862, 4.7399



10.7529, 7.8547, 43.5968

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.



31.5471, 26.9862, 84.6743



27.4408, 26.9862, 4.7399



18.0313, 26.9862, 74.9194

Square

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



27.4408, 26.9862, 4.7399



14.0260, 26.9862, 24.6483



23.9380, 26.9862, 90.6276



42.3851, 26.9862, 34.6891

Rectangle

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



27.4408, 26.9862, 4.7399



17.1839, 26.9862, 8.5843



23.9380, 26.9862, 90.6276



36.5194, 26.9862, 70.1404

Sweetspot

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



27.4414, 26.9875, 4.7404



64.9385, 68.5805, 48.7021



20.1263, 10.7893, 7.1362



14.1007, 14.8787, 9.9009



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



27.4414, 26.9875, 4.7404



46.8083, 44.1909, 6.0626



28.5918, 38.6478, 6.9305



8.9865, 9.4855, 9.0098



18.6059, 17.7104, 2.4378



0.6324, 0.6511, 0.0924

Inverse Universe

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



10.7529, 7.8547, 43.5968



16.5636, 9.8110, 77.4019



10.1710, 4.8520, 43.0479



8.2344, 8.6150, 10.7352



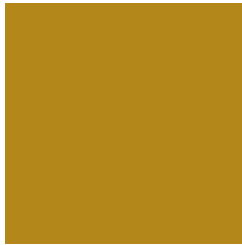
6.6503, 4.1010, 30.5781



0.2605, 0.2315, 0.9792

Previews

White Background



This preview shows how the XYZ color 27.4408, 26.9862, 4.7399 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 27.4408, 26.9862, 4.7399 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 27.4408, 26.9862, 4.7399

Background



This preview shows how black text looks on a background with the XYZ color 27.4408, 26.9862, 4.7399.



This preview shows how white text looks on a background with the XYZ color 27.4408, 26.9862,

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

27.4408, 26.9862, 4.7399

Protanopia

24.5293, 27.2023, 5.0564

Deuteranopia

27.4408, 26.9862, 4.7399



Tritanopia

31.8416, 26.9853, 26.4521

Trichromacy



Original Color

27.4408, 26.9862, 4.7399

Protanomaly

25.5123, 27.0508, 4.9136

Deuteranomaly

27.4408, 26.9862, 4.7399

Tritanomaly

29.4443, 26.5940, 14.4078

Monochromacy



Original Color

27.4408, 26.9862, 4.7399

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.8644, 25.1282, 14.6588

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4408, 26.9862, 4.7399 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(179, 135, 26)` looks like.

```
.text, #text, p{  
    color:rgb(179, 135, 26)  
}
```

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(179, 135, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 135, 26) }
```

Border

The CSS property to change the border of an element to XYZ 27.4408, 26.9862, 4.7399 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(179, 135, 26) }
```


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

```
.border{ border-color:rgb(179, 135, 26) }
```

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

Here you see how a box with a 4 pixel rgb(179, 135, 26) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 135, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 135, 26);  
box-shadow:4px 4px 4px 4px rgb(179, 135,  
26) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4408, 26.9862, 4.7399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 135, 26) }
```

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

```
.background{ background-color: rgb(179,  
135, 26) }
```

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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