

Converting Colors

XYZ(26.0030, 28.5922, 7.3972)

Have a look what the booklet for
XYZ(26.0030, 28.5922, 7.3972)
contains.

XYZ(26.0030, 28.5922, 7.3972)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.0030, 28.5922,
7.3972)**

Conversions

Conversions Part 1

Format	Color
Hex	A39234
RGB	163, 146, 52
RGB Percent	64%, 57%, 20%
CMY	0.3608, 0.4274, 0.7961
CMYK	0.00, 0.10, 0.68, 0.36
HSL	51°, 52%, 42%
HSV	51°, 68%, 64%
XYZ	26.0030, 28.5922, 7.3972
YIQ	140.3670, 40.3060, -25.6300

Conversions

Conversions Part 2

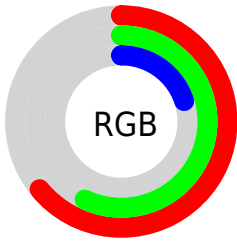
Format	Color
R_YB	72, 163, 52
Decimal	10719796
CIE Lab	60.42, -4.81, 50.15
CIE LCh	60, 50.381, 95.478
Yxy	28.5922, 0.4195, 0.4612
Android (android.graphics.Color)	4288909876 (0xFFA39234)
YUV	140.3670, -43.5649, 19.8491
Hunter-Lab	53.4717, -6.7718, 29.2281

Details

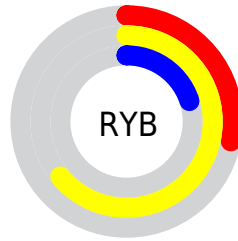
The XYZ color **26.0030, 28.5922, 7.3972** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **10.1552, 7.6306, 35.5878**, and the grayscale version is **25.2242, 26.5379, 28.8997**.

A 20% lighter version of the original color is **52.6682, 57.5237, 21.4240**, and **10.3672, 11.5539, 1.6837** is the 20% darker color. If you saturate the color by 10%, you get **25.3171, 27.7100, 5.6596**, and if you desaturate by 10%, it is **26.8254, 29.5446, 9.8063**.

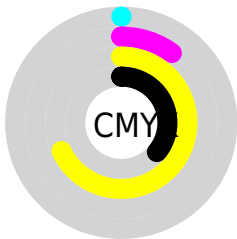
Distribution



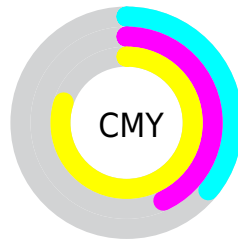
- Red (64%)
- Green (57%)
- Blue (20%)



- Red (28%)
- Yellow (64%)
- Blue (20%)



- Cyan (0%)
- Magenta (10%)
- Yellow (68%)
- Black (36%)



- Cyan (36%)
- Magenta (43%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0030, 28.5922, 7.3972 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 26.0030, 28.5922, 7.3972 by changing the saturation by 10% instead.

■ 26.0030, 28.5922,
7.3972

■ 26.0030, 28.5922,
7.3972

275.0532,
295.2860, 180.6788

■ 16.9586, 18.7725,
3.6295

■ 52.7111, 57.4285,
21.2943

■ 10.3001, 11.5060,
1.4244

■ 71.1054, 77.2140,
32.2607

■ 5.6622, 6.4083,
0.1606

■ 93.3471, 101.0902,
46.4639

■ 2.6795, 3.0949,
0.0000

■ 119.8015,
129.4415, 64.3222

■ 0.9866, 1.1815,
0.0000

■ 150.8339,
162.6524, 86.2544

■ 0.0000, 0.0465,
0.0000

■ 186.8098,

■ 0.0000, 0.0000,

201.1071, 112.6788

0.0000

228.0945,
245.1902, 144.0141

■ 26.0030, 28.5922,
7.3972

■ 26.0030, 28.5922,
7.3972

■ 25.3171, 27.7100,
5.6596

■ 26.8254, 29.5446,
9.8063

■ 24.7520, 26.8884,
4.5197

■ 27.7941, 30.5680,
12.9472

■ 24.2840, 26.1189,
3.8507

■ 28.9203, 31.6680,
16.8754

■ 24.1987, 25.9754,
3.7384

■ 30.2134, 32.8484,
21.6403

■ 31.6822, 34.1128,
27.2876

■ 33.3346, 35.4646,
33.8596

■ 35.1783, 36.9068,
41.3957

■ 37.2204, 38.4424,
49.9331

■ 39.4675, 40.0741,
59.5072

Harmonies

Analogous

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



32.6870, 28.5922, 8.6335



26.0030, 28.5922, 7.3972



20.5623, 28.5922, 10.1659

Triad

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



26.0030, 28.5922, 7.3972



18.2338, 28.5922, 56.7988



40.1728, 28.5922, 48.4310

Complementary

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



26.0030, 28.5922, 7.3972



10.1552, 7.6306, 35.5878

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.



35.0747, 28.5922, 70.2093



26.0030, 28.5922, 7.3972



22.3221, 28.5922, 76.2365

Square

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



26.0030, 28.5922, 7.3972



16.5573, 28.5922, 34.6670



28.3838, 28.5922, 81.9286



41.5744, 28.5922, 27.8460

Rectangle

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



26.0030, 28.5922, 7.3972



18.1425, 28.5922, 14.9621



28.3838, 28.5922, 81.9286



38.7988, 28.5922, 56.0736

Sweetspot

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



26.0037, 28.5936, 7.3978



56.1138, 60.5650, 46.4265



17.4538, 10.6914, 7.0216



12.4421, 13.4652, 9.8059



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.



26.0037, 28.5936, 7.3978



44.7669, 48.8154, 8.9048



22.3214, 30.8780, 8.0328



7.5566, 8.0516, 7.5359



18.8335, 20.2409, 2.9143



0.4191, 0.4721, 0.0690

Inverse Universe

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



10.1552, 7.6306, 35.5878



14.5139, 8.8927, 63.0076



11.9590, 7.2246, 35.4144



6.7840, 7.0270, 8.9019



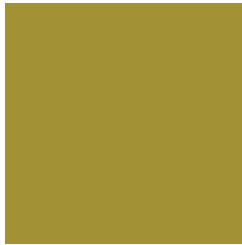
5.4297, 2.6388, 27.1529



0.1376, 0.1025, 0.5784

Previews

White Background



This preview shows how the XYZ color 26.0030, 28.5922, 7.3972 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 26.0030, 28.5922, 7.3972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

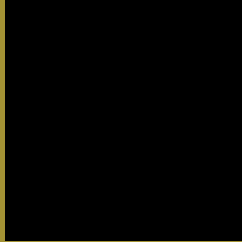
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.0030, 28.5922, 7.3972

Background



This preview shows how black text looks on a background with the XYZ color 26.0030, 28.5922, 7.3972.



This preview shows how white text looks on a background with the XYZ color 26.0030, 28.5922,

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

26.0030, 28.5922, 7.3972

Protanopia

26.0030, 28.5922, 7.3972

Deuteranopia

29.1899, 28.6767, 7.4867



Tritanopia

31.0067, 28.6558, 31.5007

Trichromacy



Original Color

26.0030, 28.5922, 7.3972

Protanomaly

26.0030, 28.5922, 7.3972

Deuteranomaly

27.9948, 28.7170, 7.4356

Tritanomaly

28.4512, 28.2508, 19.2827

Monochromacy



Original Color

26.0030, 28.5922, 7.3972

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.5925, 26.7246, 18.0496

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0030, 28.5922, 7.3972 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(163, 146, 52)` looks like.

```
.text, #text, p{  
    color:rgb(163, 146, 52)  
}
```

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(163, 146, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 146, 52) }
```

Border

The CSS property to change the border of an element to XYZ 26.0030, 28.5922, 7.3972 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(163, 146, 52) }
```


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

```
.border{ border-color:rgb(163, 146, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 146, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 146, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 146, 52);  
box-shadow:4px 4px 4px 4px rgb(163, 146,  
52) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0030, 28.5922, 7.3972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 146, 52) }
```

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

```
.background{ background-color: rgb(163,  
146, 52) }
```

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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