

Converting Colors

XYZ(26.2640, 28.0703, 5.7095)

Have a look what the booklet for
XYZ(26.2640, 28.0703, 5.7095)
contains.

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Color

**XYZ(26.2893, 28.0971,
5.7068)**

Conversions

Conversions Part 1

Format	Color
Hex	A88F24
RGB	168, 143, 36
RGB Percent	66%, 56%, 14%
CMY	0.3412, 0.4392, 0.8588
CMYK	0.00, 0.15, 0.79, 0.34
HSL	49°, 65%, 40%
HSV	49°, 79%, 66%
XYZ	26.2893, 28.0971, 5.7068
YIQ	138.2770, 49.2470, -27.9770

Conversions

Conversions Part 2

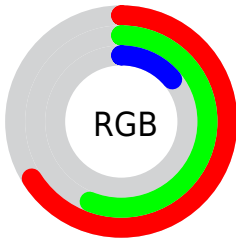
Format	Color
RYB	67, 168, 36
Decimal	11046692
CIELab	59.98, -1.71, 56.15
CIELCh	60, 56.173, 91.744
Yxy	28.0971, 0.4375, 0.4676
Android (android.graphics.Color)	4289236772 (0xFFA88F24)
YUV	138.2770, -50.4226, 26.0671
Hunter-Lab	53.0067, -4.2325, 30.7214

Details

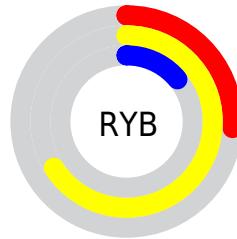
The XYZ color **26.2893, 28.0971, 5.7068** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **9.4642, 6.5397, 37.8089**, and the grayscale version is **24.4376, 25.7103, 27.9985**.

A 20% lighter version of the original color is **52.9494, 56.3868, 17.7659**, and **10.5964, 11.2734, 1.6175** is the 20% darker color. If you saturate the color by 10%, you get **25.6199, 27.0771, 4.5014**, and if you desaturate by 10%, it is **27.0940, 29.1951, 7.5519**.

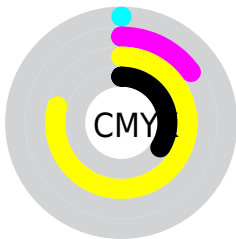
Distribution



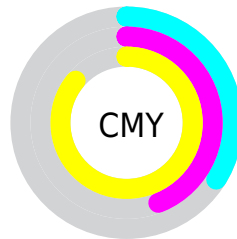
- Red (66%)
- Green (56%)
- Blue (14%)



- Red (26%)
- Yellow (66%)
- Blue (14%)



- Cyan (0%)
- Magenta (15%)
- Yellow (79%)
- Black (34%)



- Cyan (34%)
- Magenta (44%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2893, 28.0971, 5.7068 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 26.2893, 28.0971, 5.7068 by changing the saturation by 10% instead.

■ 26.2893, 28.0971,
5.7068

■ 26.2893, 28.0971,
5.7068

276.4301,
292.9306, 165.6393

■ 17.1740, 18.3989,
2.6017

■ 53.1693, 56.6394,
17.7863

■ 10.4547, 11.2367,
0.8934

■ 71.6647, 76.2523,
27.5978

■ 5.7660, 6.2263,
0.0000

■ 94.0175, 99.9389,
40.4818

■ 2.7426, 2.9832,
0.0000

■ 120.5930,
128.0835, 56.8569

■ 1.0192, 1.1230,
0.0000

■ 151.7567,
161.0706, 77.1417

■ 0.0000, 0.0000,
0.0000

■ 187.8739,

199.2846, 101.7547

229.3099,
243.1098, 131.1144

■ 26.2893, 28.0971,
5.7068

■ 26.2893, 28.0971,
5.7068

■ 25.6199, 27.0771,
4.5014

■ 27.0940, 29.1951,
7.5519

■ 25.0563, 26.1198,
3.7901

■ 28.0469, 30.3732,
10.1135

■ 24.9788, 25.9857,
3.6992

■ 29.1618, 31.6381,
13.4595

■ 30.4499, 32.9944,
17.6495

■ 31.9215, 34.4465,
22.7371

■ 33.5862, 35.9984,
28.7715

■ 35.4526, 37.6536,
35.7986

■ 37.5290, 39.4158,
43.8609

■ 39.8231, 41.2880,
52.9987

Harmonies

Analogous

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



33.7537, 28.0971, 7.3717



26.2893, 28.0971, 5.7068



20.1081, 28.0971, 7.8455

Triad

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



26.2893, 28.0971, 5.7068



16.6408, 28.0971, 56.3229



40.7312, 28.0971, 53.2629

Complementary

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



26.2893, 28.0971, 5.7068



9.4642, 6.5397, 37.8089

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.



34.6078, 28.0971, 77.7508



26.2893, 28.0971, 5.7068



20.7138, 28.0971, 80.0034

Square

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



26.2893, 28.0971, 5.7068



15.1900, 28.0971, 31.8067



27.1260, 28.0971, 89.2017



42.9309, 28.0971, 29.4105

Rectangle

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



26.2893, 28.0971, 5.7068



17.3025, 28.0971, 12.1220



27.1260, 28.0971, 89.2017



39.0154, 28.0971, 62.0042

Sweetspot

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



26.2899, 28.0985, 5.7074



59.1305, 63.6492, 45.5675



17.6599, 9.9390, 5.6034



12.6698, 13.6665, 9.1500



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.



26.2899, 28.0985, 5.7074



45.7522, 47.8856, 7.2176



23.2835, 32.7527, 6.7642



8.0243, 8.5287, 8.0126



18.8983, 19.6939, 2.8053



0.4900, 0.5396, 0.0783

Inverse Universe

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



9.4642, 6.5397, 37.8089



14.2307, 7.6903, 67.9594



10.6479, 5.6095, 37.5669



7.2425, 7.5220, 9.4885



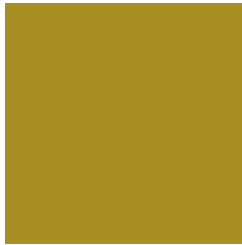
5.7528, 2.9658, 28.2447



0.1718, 0.1358, 0.6978

Previews

White Background



This preview shows how the XYZ color 26.2893, 28.0971, 5.7068 looks on a white background.

Color Contrast Check

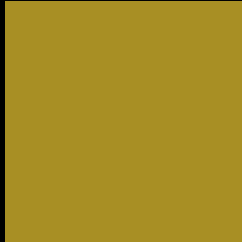
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2893, 28.0971, 5.7068 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 26.2893, 28.0971, 5.7068

Background



This preview shows how black text looks on a background with the XYZ color 26.2893, 28.0971, 5.7068.



This preview shows how white text looks on a background with the XYZ color 26.2893, 28.0971,

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

26.2893, 28.0971, 5.7068

Protanopia

25.5636, 28.1709, 5.8404

Deuteranopia

28.6033, 27.9829, 5.8131



Tritanopia

31.3261, 28.0188, 30.1427

Trichromacy



Original Color

26.2893, 28.0971, 5.7068

Protanomaly

25.8242, 28.0794, 5.8091

Deuteranomaly

27.7139, 27.9523, 5.7684

Tritanomaly

28.7290, 27.7955, 17.2155

Monochromacy



Original Color

26.2893, 28.0971, 5.7068

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.1215, 26.0853, 16.0755

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2893, 28.0971, 5.7068 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(168, 143, 36)` looks like.

```
.text, #text, p{  
    color:rgb(168, 143, 36)  
}
```

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(168, 143, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 143, 36) }
```

Border

The CSS property to change the border of an element to XYZ 26.2893, 28.0971, 5.7068 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(168, 143, 36) }
```


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

```
.border{ border-color:rgb(168, 143, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 143, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 143, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 143, 36);  
box-shadow:4px 4px 4px 4px rgb(168, 143,  
36) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2893, 28.0971, 5.7068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 143, 36) }
```

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

```
.background{ background-color: rgb(168,  
143, 36) }
```

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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