

Converting Colors

XYZ(26.2959, 27.8853, 5.3630)

Have a look what the booklet for
XYZ(26.2959, 27.8853, 5.3630)
contains.

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Color

**XYZ(26.2959, 27.8853,
5.3630)**

Conversions

Conversions Part 1

Format	Color
Hex	A98E20
RGB	169, 142, 32
RGB Percent	66%, 56%, 13%
CMY	0.3373, 0.4431, 0.8745
CMYK	0.00, 0.16, 0.81, 0.34
HSL	48°, 68%, 39%
HSV	48°, 81%, 66%
XYZ	26.2959, 27.8853, 5.3630
YIQ	137.5330, 51.4020, -28.4860

Conversions

Conversions Part 2

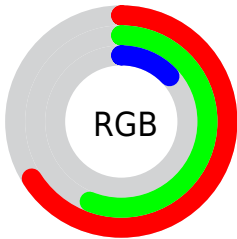
Format	Color
R_{YB}	66, 169, 32
Decimal	11111968
CIE Lab	59.78, -0.86, 57.35
CIE LCh	60, 57.357, 90.857
Yxy	27.8853, 0.4416, 0.4683
Android (android.graphics.Color)	4289302048 (0xFFA98E20)
YUV	137.5330, -52.0278, 27.5966
Hunter-Lab	52.8065, -3.5244, 30.9431

Details

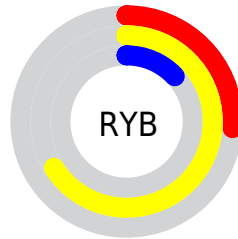
The XYZ color **26.2959, 27.8853, 5.3630** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **9.3212, 6.2996, 38.2605**, and the grayscale version is **24.1584, 25.4165, 27.6785**.

A 20% lighter version of the original color is **53.2303, 56.2123, 17.0613**, and **10.6372, 11.1650, 1.5944** is the 20% darker color. If you saturate the color by 10%, you get **25.6346, 26.8409, 4.2856**, and if you desaturate by 10%, it is **27.0911, 29.0092, 7.0667**.

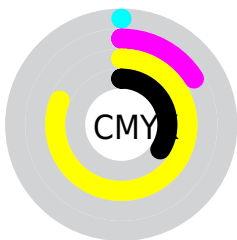
Distribution



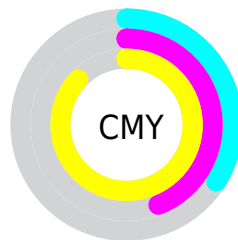
- Red (66%)
- Green (56%)
- Blue (13%)



- Red (26%)
- Yellow (66%)
- Blue (13%)



- Cyan (0%)
- Magenta (16%)
- Yellow (81%)
- Black (34%)



- Cyan (34%)
- Magenta (44%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2959, 27.8853, 5.3630 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 26.2959, 27.8853, 5.3630 by changing the saturation by 10% instead.

■ 26.2959, 27.8853,
5.3630

■ 26.2959, 27.8853,
5.3630

276.4618,
291.9184, 162.3468

■ 17.1790, 18.2392,
2.3993

■ 53.1798, 56.3013,
17.0479

■ 10.4583, 11.1219,
0.7861

■ 71.6775, 75.8399,
26.6063

■ 5.7684, 6.1489,
0.0000

■ 94.0329, 99.4449,
39.1999

■ 2.7441, 2.9358,
0.0000

■ 120.6113,
127.5006, 55.2475

■ 1.0199, 1.0983,
0.0000

■ 151.7780,
160.3914, 75.1674

■ 0.0000, 0.0000,
0.0000

■ 187.8984,

198.5017, 99.3782

229.3379,
242.2159, 128.2985

■ 26.2959, 27.8853,
5.3630

■ 26.2959, 27.8853,
5.3630

■ 25.6346, 26.8409,
4.2856

■ 27.0911, 29.0092,
7.0667

■ 25.1237, 25.9583,
3.6863

■ 28.0342, 30.2150,
9.4787

■ 29.1395, 31.5098,
12.6702

■ 30.4188, 32.8985,
16.7034

■ 31.8828, 34.3856,
21.6341

■ 33.5415, 35.9752,
27.5133

■ 35.4038, 37.6711,
34.3882

■ 37.4782, 39.4769,
42.3030

■ 39.7727, 41.3959,
51.2989

Harmonies

Analogous

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



33.9012, 27.8853, 7.1178



26.2959, 27.8853, 5.3630



19.9689, 27.8853, 7.3476

Triad

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



26.2959, 27.8853, 5.3630



16.2347, 27.8853, 55.8340



40.6638, 27.8853, 54.2938

Complementary

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



26.2959, 27.8853, 5.3630



9.3212, 6.2996, 38.2605

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.



34.3291, 27.8853, 79.2466



26.2959, 27.8853, 5.3630



20.2698, 27.8853, 80.3855

Square

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



26.2959, 27.8853, 5.3630



14.8518, 27.8853, 30.9642



26.7135, 27.8853, 90.4578



43.0583, 27.8853, 29.7683

Rectangle

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



26.2959, 27.8853, 5.3630



17.0837, 27.8853, 11.4700



26.7135, 27.8853, 90.4578



38.8737, 27.8853, 63.2433

Sweetspot

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



26.2965, 27.8866, 5.3636



59.0312, 63.4504, 45.5344



17.6786, 9.7882, 5.1504



12.6453, 13.6176, 9.1418



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.



26.2965, 27.8866, 5.3636



45.1378, 46.7170, 6.8272



23.3359, 33.0616, 6.5185



8.0194, 8.5189, 8.0109



18.7625, 19.4223, 2.7600



0.4877, 0.5349, 0.0775

Inverse Universe

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



9.3212, 6.2996, 38.2605



13.9854, 7.3274, 67.9023



10.4335, 5.3184, 38.0125



7.2471, 7.5311, 9.4900



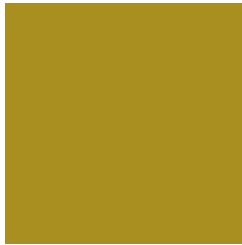
5.7803, 3.0207, 28.2539



0.1735, 0.1392, 0.6984

Previews

White Background



This preview shows how the XYZ color 26.2959, 27.8853, 5.3630 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 26.2959, 27.8853, 5.3630 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 26.2959, 27.8853, 5.3630

Background



This preview shows how black text looks on a background with the XYZ color 26.2959, 27.8853, 5.3630.



This preview shows how white text looks on a background with the XYZ color 26.2959, 27.8853,

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

26.2959, 27.8853, 5.3630

Protanopia

25.3002, 28.0420, 5.5180

Deuteranopia

28.3051, 27.8364, 5.4712



Tritanopia

31.1137, 27.7158, 29.6964

Trichromacy



Original Color

26.2959, 27.8853, 5.3630

Protanomaly

25.7648, 28.0557, 5.4962

Deuteranomaly

27.6528, 27.9278, 5.4465

Tritanomaly

28.4859, 27.4718, 16.6332

Monochromacy



Original Color

26.2959, 27.8853, 5.3630

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

23.8792, 25.7557, 15.5172

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2959, 27.8853, 5.3630 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, 142, 32)` looks like.

```
.text, #text, p{  
    color:rgb(169, 142, 32)  
}
```

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, 142, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 142, 32) }
```

Border

The CSS property to change the border of an element to XYZ 26.2959, 27.8853, 5.3630 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, 142, 32) }
```


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

```
.border{ border-color:rgb(169, 142, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 142, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 142, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 142, 32);  
box-shadow:4px 4px 4px 4px rgb(169, 142,  
32) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2959, 27.8853, 5.3630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 142, 32) }
```

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

```
.background{ background-color: rgb(169,  
142, 32) }
```

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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