

Converting Colors

XYZ(26.2950, 29.0286, 4.9266)

Have a look what the booklet for
XYZ(26.2950, 29.0286, 4.9266)
contains.

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Color

**XYZ(26.2950, 29.0286,
4.9266)**

Conversions

Conversions Part 1

Format	Color
Hex	A69315
RGB	166, 147, 21
RGB Percent	65%, 58%, 8%
CMY	0.3490, 0.4235, 0.9176
CMYK	0.00, 0.11, 0.87, 0.35
HSL	52°, 78%, 37%
HSV	52°, 87%, 65%
XYZ	26.2950, 29.0286, 4.9266
YIQ	138.3170, 51.7700, -35.1580

Conversions

Conversions Part 2

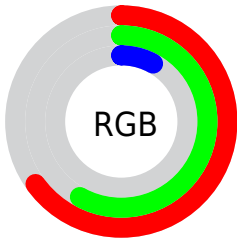
Format	Color
R_{YB}	43, 166, 21
Decimal	10916629
CIE Lab	60.81, -5.27, 61.16
CIE LCh	61, 61.384, 94.921
Yxy	29.0286, 0.4364, 0.4818
Android (android.graphics.Color)	4289106709 (0xFFA69315)
YUV	138.3170, -57.8373, 24.2780
Hunter-Lab	53.8782, -7.1708, 32.2933

Details

The XYZ color **26.2950, 29.0286, 4.9266** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **7.9511, 4.4303, 36.5123**, and the grayscale version is **24.4800, 25.7549, 28.0471**.

A 20% lighter version of the original color is **53.3859, 58.3600, 16.0403**, and **10.7051, 11.8644, 1.7258** is the 20% darker color. If you saturate the color by 10%, you get **25.8494, 28.3155, 4.2295**, and if you desaturate by 10%, it is **26.8452, 29.7960, 6.1369**.

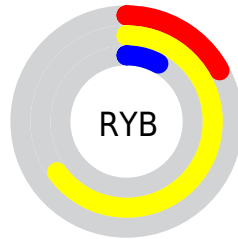
Distribution



Red (65%)

Green (58%)

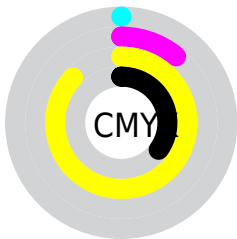
Blue (8%)



Red (17%)

Yellow (65%)

Blue (8%)

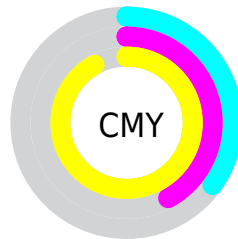


Cyan (0%)

Magenta (11%)

Yellow (87%)

Black (35%)



Cyan (35%)

Magenta (42%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2950, 29.0286, 4.9266 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 26.2950, 29.0286, 4.9266 by changing the saturation by 10% instead.

■ 26.2950, 29.0286,
4.9266

■ 26.2950, 29.0286,
4.9266

276.4574,
297.3499, 158.0265

■ 17.1783, 19.1025,
2.1463

■ 53.1784, 58.1225,
16.0959

■ 10.4578, 11.7443,
0.6431

■ 71.6758, 78.0591,
25.3220

■ 5.7681, 6.5698,
0.0000

■ 94.0308, 102.1013,
37.5338

■ 2.7439, 3.1946,
0.0000

■ 120.6088,
130.6334, 53.1497

■ 1.0198, 1.2341,
0.0000

■ 151.7751,
164.0400, 72.5885

■ 0.0000, 0.0893,
0.0000

■ 187.8950,

■ 0.0000, 0.0000,

202.7053, 96.2685

0.0000

229.3340,
247.0138, 124.6083

26.2950, 29.0286,
4.9266

26.2950, 29.0286,
4.9266

25.8494, 28.3155,
4.2295

26.8452, 29.7960,
6.1369

25.7374, 28.1301,
4.0731

27.5202, 30.6226,
7.9757

28.3349, 31.5153,
10.5183

29.3015, 32.4792,
13.8288

30.4309, 33.5187,
17.9641

■ 31.7328, 34.6377,
22.9759

■ 33.2164, 35.8399,
28.9115

■ 34.8899, 37.1287,
35.8147

■ 36.7613, 38.5072,
43.7269

Harmonies

Analogous

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



34.6205, 29.0286, 6.1721



26.2950, 29.0286, 4.9266



19.7047, 29.0286, 7.5303

Triad

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



26.2950, 29.0286, 4.9266



16.8232, 29.0286, 64.0357



43.9563, 29.0286, 54.1374

Complementary

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



26.2950, 29.0286, 4.9266



7.9511, 4.4303, 36.5123

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.



37.3419, 29.0286, 83.0790



26.2950, 29.0286, 4.9266



21.5836, 29.0286, 90.4698

Square

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



26.2950, 29.0286, 4.9266



14.9509, 29.0286, 35.5299



28.9285, 29.0286, 98.7361



45.8801, 29.0286, 27.9844

Rectangle

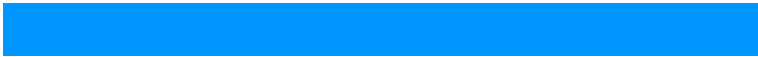
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



26.2950, 29.0286, 4.9266



16.8405, 29.0286, 12.4788



28.9285, 29.0286, 98.7361



42.1526, 29.0286, 64.1938

Sweetspot

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



26.2957, 29.0300, 4.9272



57.8115, 63.0467, 42.5614



16.3829, 8.7990, 2.8727



12.7513, 13.9530, 8.7965



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.



26.2957, 29.0300, 4.9272



46.6001, 50.8315, 7.3554



20.5604, 30.8263, 5.5762



8.0618, 8.6037, 8.0250



19.9824, 21.8620, 3.1666



0.5086, 0.5768, 0.0845

Inverse Universe

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



7.9511, 4.4303, 36.5123



12.9166, 5.8461, 65.9229



9.9884, 4.7523, 36.4671



7.2081, 7.4531, 9.4770



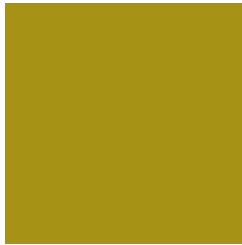
5.5767, 2.6135, 28.1860



0.1589, 0.1100, 0.6935

Previews

White Background



This preview shows how the XYZ color 26.2950, 29.0286, 4.9266 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 26.2950, 29.0286, 4.9266 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 26.2950, 29.0286, 4.9266

Background



This preview shows how black text looks on a background with the XYZ color 26.2950, 29.0286, 4.9266.



This preview shows how white text looks on a background with the XYZ color 26.2950, 29.0286,

4.9266.

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

26.2950, 29.0286, 4.9266

Protanopia

26.0861, 28.9209, 4.9169

Deuteranopia

29.4380, 28.8587, 5.0556



Tritanopia

31.6677, 28.9966, 31.5316

Trichromacy



Original Color

26.2950, 29.0286, 4.9266

Protanomaly

26.0861, 28.9209, 4.9169

Deuteranomaly

28.2086, 28.8812, 5.0076

Tritanomaly

28.6684, 28.6473, 16.3304

Monochromacy



Original Color

26.2950, 29.0286, 4.9266

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

23.8032, 26.1719, 14.6236

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2950, 29.0286, 4.9266 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(166, 147, 21)` looks like.

```
.text, #text, p{  
    color:rgb(166, 147, 21)  
}
```

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(166, 147, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 147, 21) }
```

Border

The CSS property to change the border of an element to XYZ 26.2950, 29.0286, 4.9266 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(166, 147, 21) }
```


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

```
.border{ border-color:rgb(166, 147, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 147, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 147, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 147, 21);  
box-shadow:4px 4px 4px 4px rgb(166, 147,  
21) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2950, 29.0286, 4.9266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 147, 21) }
```

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

```
.background{ background-color: rgb(166,  
147, 21) }
```

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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