

Converting Colors

XYZ(26.2825, 27.8799, 5.2924)

Have a look what the booklet for
XYZ(26.2825, 27.8799, 5.2924)
contains.

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Color

**XYZ(26.2825, 27.8799,
5.2925)**

Conversions

Conversions Part 1

Format	Color
Hex	A98E1F
RGB	169, 142, 31
RGB Percent	66%, 56%, 12%
CMY	0.3373, 0.4431, 0.8784
CMYK	0.00, 0.16, 0.82, 0.34
HSL	48°, 69%, 39%
HSV	48°, 82%, 66%
XYZ	26.2825, 27.8799, 5.2925
YIQ	137.4190, 51.7230, -28.7970

Conversions

Conversions Part 2

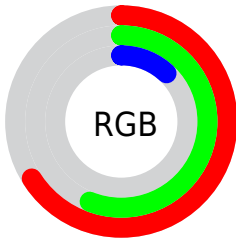
Format	Color
RYB	65, 169, 31
Decimal	11111967
CIELab	59.78, -0.89, 57.67
CIELCh	60, 57.672, 90.886
Yxy	27.8799, 0.4421, 0.4689
Android (android.graphics.Color)	4289302047 (0xFFFA98E1F)
YUV	137.4190, -52.4646, 27.6965
Hunter-Lab	52.8014, -3.5521, 31.0181

Details

The XYZ color **26.2825, 27.8799, 5.2925** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **9.2397, 6.1821, 38.2421**, and the grayscale version is **24.1164, 25.3723, 27.6305**.

A 20% lighter version of the original color is **53.1897, 56.1961, 16.8476**, and **10.6372, 11.1650, 1.5944** is the 20% darker color. If you saturate the color by 10%, you get **25.6311, 26.8450, 4.2499**, and if you desaturate by 10%, it is **27.0665, 28.9934, 6.9558**.

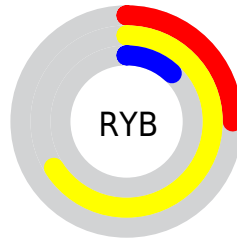
Distribution



Red (66%)

Green (56%)

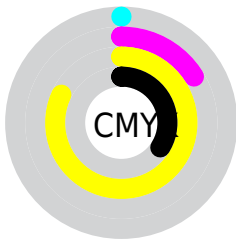
Blue (12%)



Red (25%)

Yellow (66%)

Blue (12%)

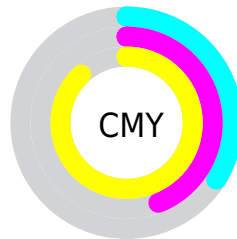


Cyan (0%)

Magenta (16%)

Yellow (82%)

Black (34%)



Cyan (34%)

Magenta (44%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2825, 27.8799, 5.2925 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 26.2825, 27.8799, 5.2925 by changing the saturation by 10% instead.

■ 26.2825, 27.8799,
5.2925

■ 26.2825, 27.8799,
5.2925

276.3974,
291.8926, 161.6600

■ 17.1689, 18.2351,
2.3582

■ 53.1584, 56.2926,
16.8953

■ 10.4510, 11.1189,
0.7635

■ 71.6514, 75.8294,
26.4008

■ 5.7636, 6.1469,
0.0000

■ 94.0016, 99.4323,
38.9338

■ 2.7411, 2.9346,
0.0000

■ 120.5743,
127.4857, 54.9129

■ 1.0184, 1.0977,
0.0000

■ 151.7348,
160.3741, 74.7565

■ 0.0000, 0.0000,
0.0000

■ 187.8487,

198.4818, 98.8832

229.2811,
242.1931, 127.7115

■ 26.2825, 27.8799,
5.2925

■ 26.2825, 27.8799,
5.2925

■ 25.6311, 26.8450,
4.2499

■ 27.0665, 28.9934,
6.9558

■ 25.1576, 26.0261,
3.6976

■ 27.9975, 30.1881,
9.3228

■ 29.0895, 31.4710,
12.4653

■ 30.3548, 32.8471,
16.4459

■ 31.8040, 34.3210,
21.3209

■ 33.4470, 35.8966,
27.1413

■ 35.2929, 37.5779,
33.9548

■ 37.3502, 39.3684,
41.8054

■ 39.6269, 41.2716,
50.7347

Harmonies

Analogous

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



33.9317, 27.8799, 7.0392



26.2825, 27.8799, 5.2925



19.9271, 27.8799, 7.2765

Triad

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



26.2825, 27.8799, 5.2925



16.1863, 27.8799, 56.0208



40.7507, 27.8799, 54.4161

Complementary

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



26.2825, 27.8799, 5.2925



9.2397, 6.1821, 38.2421

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.



34.3771, 27.8799, 79.5728



26.2825, 27.8799, 5.2925



20.2396, 27.8799, 80.7607

Square

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



26.2825, 27.8799, 5.2925



14.7963, 27.8799, 30.9825



26.7167, 27.8799, 90.8999



43.1570, 27.8799, 29.7389

Rectangle

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



26.2825, 27.8799, 5.2925



17.0322, 27.8799, 11.4030



26.7167, 27.8799, 90.8999



38.9497, 27.8799, 63.4337

Sweetspot

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



26.2831, 27.8812, 5.2931



59.0496, 63.4872, 45.5405



17.6314, 9.7269, 5.0323



12.6498, 13.6267, 9.1433



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.



26.2831, 27.8812, 5.2931



45.1009, 46.6624, 6.7556



23.2775, 33.0330, 6.4459



8.0203, 8.5207, 8.0112



18.7876, 19.4724, 2.7683



0.4881, 0.5358, 0.0777

Inverse Universe

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



9.2397, 6.1821, 38.2421



13.8744, 7.1462, 67.8732



10.3542, 5.2381, 38.0012



7.2462, 7.5294, 9.4897



5.7751, 3.0104, 28.2522



0.1732, 0.1386, 0.6983

Previews

White Background



This preview shows how the XYZ color 26.2825, 27.8799, 5.2925 looks on a white background.

Color Contrast Check

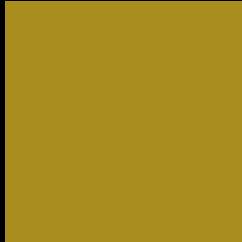
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2825, 27.8799, 5.2925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

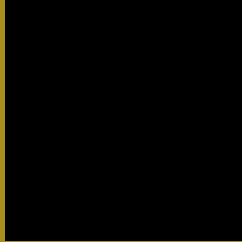
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.2825, 27.8799, 5.2925

Background



This preview shows how black text looks on a background with the XYZ color 26.2825, 27.8799, 5.2925.



This preview shows how white text looks on a background with the XYZ color 26.2825, 27.8799,

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

26.2825, 27.8799, 5.2925

Protanopia

25.2864, 28.0365, 5.4453

Deuteranopia

28.2904, 27.8306, 5.3941



Tritanopia

31.0382, 27.6856, 29.2992

Trichromacy



Original Color

26.2825, 27.8799, 5.2925

Protanomaly

25.7510, 28.0501, 5.4235

Deuteranomaly

27.6386, 27.9222, 5.3716

Tritanomaly

28.4360, 27.4519, 16.3704

Monochromacy



Original Color

26.2825, 27.8799, 5.2925

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.8316, 25.7366, 15.2669

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2825, 27.8799, 5.2925 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, 31)` looks like.

```
.text, #text, p{  
    color:rgb(169, 142, 31)  
}
```

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, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 142, 31) }
```

Border

The CSS property to change the border of an element to XYZ 26.2825, 27.8799, 5.2925 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, 31) }
```


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

```
.border{ border-color:rgb(169, 142, 31) }
```

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, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 142, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 142, 31);  
box-shadow:4px 4px 4px 4px rgb(169, 142,  
31) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2825, 27.8799, 5.2925 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, 31) }
```

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

```
.background{ background-color: rgb(169,  
142, 31) }
```

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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