

Converting Colors

XYZ(26.2224, 29.5129, 14.8666)

Have a look what the booklet for
XYZ(26.2224, 29.5129, 14.8666)
contains.

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Color

**XYZ(26.2532, 29.4909,
14.8983)**

Conversions

Conversions Part 1

Format	Color
Hex	9A965E
RGB	154, 150, 94
RGB Percent	60%, 59%, 37%
CMY	0.3961, 0.4117, 0.6314
CMYK	0.00, 0.03, 0.39, 0.40
HSL	56°, 24%, 49%
HSV	56°, 39%, 60%
XYZ	26.2532, 29.4909, 14.8983
YIQ	144.8120, 20.3600, -16.5680

Conversions

Conversions Part 2

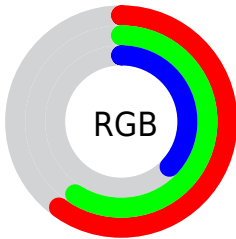
Format	Color
RYB	98, 154, 94
Decimal	10131038
CIELab	61.21, -7.19, 30.07
CIELCh	61, 30.912, 103.444
Yxy	29.4909, 0.3716, 0.4175
Android (android.graphics.Color)	4288321118 (0xFF9A965E)
YUV	144.8120, -25.0503, 8.0579
Hunter-Lab	54.3055, -8.7415, 21.7481

Details

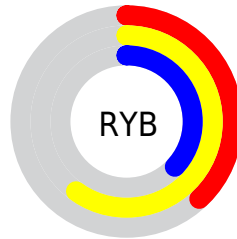
The XYZ color **26.2532, 29.4909, 14.8983** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **14.8165, 13.4478, 32.3867**, and the grayscale version is **26.9306, 28.3331, 30.8548**.

A 20% lighter version of the original color is **52.9982, 58.7854, 35.3415**, and **10.4345, 11.9457, 4.3406** is the 20% darker color. If you saturate the color by 10%, you get **25.4673, 28.9169, 11.5606**, and if you desaturate by 10%, it is **27.1799, 30.1257, 18.9639**.

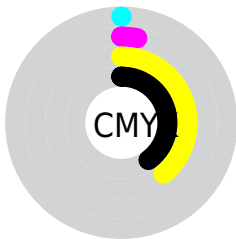
Distribution



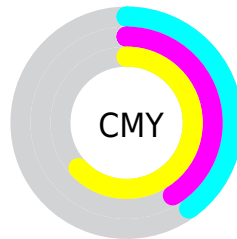
- Red (60%)
- Green (59%)
- Blue (37%)



- Red (38%)
- Yellow (60%)
- Blue (37%)



- Cyan (0%)
- Magenta (3%)
- Yellow (39%)
- Black (40%)



- Cyan (40%)
- Magenta (41%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2532, 29.4909, 14.8983 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 26.2532, 29.4909, 14.8983 by changing the saturation by 10% instead.

■ 26.2532, 29.4909,
14.8983

■ 26.2532, 29.4909,
14.8983

276.2568,
299.5242, 234.3694

■ 17.1468, 19.4525,
8.6022

■ 53.1115, 58.8561,
35.4144

■ 10.4352, 11.9977,
4.3894

■ 71.5942, 78.9517,
50.4716

■ 5.7529, 6.7421,
1.8413

■ 93.9330, 103.1685,
69.2862

■ 2.7346, 3.3013,
0.4550

■ 120.4934,
131.8909, 92.2767

■ 1.0150, 1.2910,
0.0000

151.6405,
165.5033, 119.8617

■ 0.0000, 0.1342,
0.0000

187.7399,

■ 0.0000, 0.0000,

204.3900, 152.4598

0.0000

229.1569,
248.9355, 190.4895

■ 26.2532, 29.4909,
14.8983

■ 26.2532, 29.4909,
14.8983

■ 25.4673, 28.9169,
11.5606

■ 27.1799, 30.1257,
18.9639

■ 24.8118, 28.3962,
8.9055

■ 28.2527, 30.8201,
23.7955

■ 24.2783, 27.9266,
6.8857


■ 29.4795, 31.5785,
29.4305


■ 23.8564, 27.5039,
5.4467


■ 30.8668, 32.4034,
35.9036


■ 23.5341, 27.1234,
4.5253


■ 32.4207, 33.2972,
43.2472

 23.2858, 26.7747,
3.9867

 34.1472, 34.2624,
51.4922

 23.2609, 26.7389,
3.9351

 36.0518, 35.3012,
60.6678

 38.1398, 36.4156,
70.8021

 40.4163, 37.6078,
81.9218

Harmonies

Analogous

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



30.3152, 29.4909, 15.0875



26.2532, 29.4909, 14.8983



22.9951, 29.4909, 18.4541

Triad

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



26.2532, 29.4909, 14.8983



22.7333, 29.4909, 50.0793



36.2033, 29.4909, 38.9155

Complementary

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



26.2532, 29.4909, 14.8983



14.8165, 13.4478, 32.3867

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.



33.7515, 29.4909, 51.2432



26.2532, 29.4909, 14.8983



25.8630, 29.4909, 58.6785

Square

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



26.2532, 29.4909, 14.8983



21.0993, 29.4909, 37.5971



29.8857, 29.4909, 59.1496



36.3336, 29.4909, 27.1856

Rectangle

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



26.2532, 29.4909, 14.8983



21.6081, 29.4909, 23.1125



29.8857, 29.4909, 59.1496



35.6133, 29.4909, 43.1850

Sweetspot

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



26.2539, 29.4922, 14.8989



52.7891, 56.8998, 49.9398



19.5340, 15.7576, 13.5676



11.8878, 12.8416, 11.0239



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.2539, 29.4922, 14.8989



46.3976, 52.6314, 21.5596



22.4783, 28.5087, 14.9081



6.6737, 7.1524, 6.6347



18.9615, 21.8054, 3.2095



0.2926, 0.3442, 0.0510

Inverse Universe

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



14.8165, 13.4478, 32.3867



22.5447, 19.1766, 58.0495



17.5815, 14.3320, 32.4116



5.9159, 6.0891, 7.7925



4.8535, 2.1036, 25.0579



0.0803, 0.0469, 0.3772

Previews

White Background



This preview shows how the XYZ color 26.2532, 29.4909, 14.8983 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 26.2532, 29.4909, 14.8983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

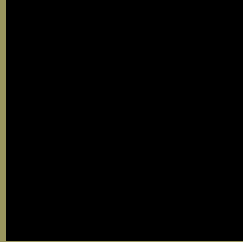
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.2532, 29.4909, 14.8983

Background



This preview shows how black text looks on a background with the XYZ color 26.2532, 29.4909, 14.8983.



This preview shows how white text looks on a background with the XYZ color 26.2532, 29.4909,

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

26.2532, 29.4909, 14.8983

Protanopia

27.2636, 29.5472, 14.6222

Deuteranopia

29.9963, 29.3593, 15.1523



Tritanopia

30.3531, 29.5551, 34.6768

Trichromacy



Original Color

26.2532, 29.4909, 14.8983

Protanomaly

26.8238, 29.5543, 14.6467

Deuteranomaly

28.4010, 29.2078, 14.9672

Tritanomaly

28.5443, 29.4928, 26.0180

Monochromacy



Original Color

26.2532, 29.4909, 14.8983

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.4124, 28.6697, 23.8804

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2532, 29.4909, 14.8983 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(154, 150, 94)` looks like.

```
.text, #text, p{  
    color:rgb(154, 150, 94)  
}
```

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(154, 150, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 150, 94) }
```

Border

The CSS property to change the border of an element to XYZ 26.2532, 29.4909, 14.8983 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(154, 150, 94) }
```


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

```
.border{ border-color:rgb(154, 150, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 150, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 150, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 150, 94);  
box-shadow:4px 4px 4px 4px rgb(154, 150,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2532, 29.4909, 14.8983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 150, 94) }
```

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

```
.background{ background-color: rgb(154,  
150, 94) }
```

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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