

Converting Colors

XYZ(26.2687, 29.3476, 21.7329)

Have a look what the booklet for
XYZ(26.2687, 29.3476, 21.7329)
contains.

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Color

**XYZ(26.2687, 29.3476,
21.7329)**

Conversions

Conversions Part 1

Format	Color
Hex	939677
RGB	147, 150, 119
RGB Percent	58%, 59%, 47%
CMY	0.4235, 0.4118, 0.5333
CMYK	0.02, 0.00, 0.21, 0.41
HSL	66°, 13%, 53%
HSV	66°, 21%, 59%
XYZ	26.2687, 29.3476, 21.7329
YIQ	145.5690, 8.1630, -10.2770

Conversions

Conversions Part 2

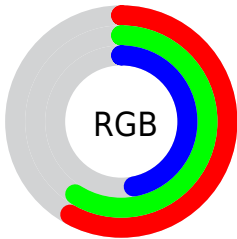
Format	Color
RYB	119, 150, 122
Decimal	9672311
CIELab	61.09, -6.58, 16.03
CIELCh	61, 17.326, 112.331
Yxy	29.3476, 0.3396, 0.3794
Android (android.graphics.Color)	4287862391 (0xFF939677)
YUV	145.5690, -13.0985, 1.2550
Hunter-Lab	54.1734, -8.2488, 14.1359

Details

The XYZ color **26.2687, 29.3476, 21.7329** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **20.1290, 19.5340, 31.5653**, and the grayscale version is **27.1954, 28.6117, 31.1581**.

A 20% lighter version of the original color is **53.0309, 58.5435, 47.0331**, and **10.3912, 11.8527, 7.5345** is the 20% darker color. If you saturate the color by 10%, you get **25.1794, 28.8829, 17.3448**, and if you desaturate by 10%, it is **27.5051, 29.8734, 26.8713**.

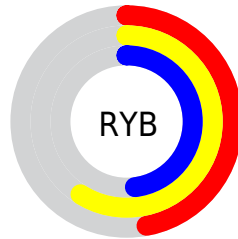
Distribution



Red (58%)

Green (59%)

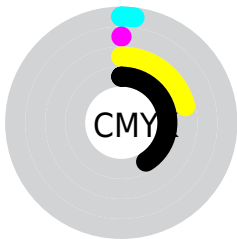
Blue (47%)



Red (47%)

Yellow (59%)

Blue (48%)

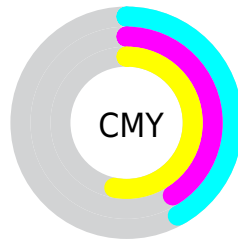


Cyan (2%)

Magenta (0%)

Yellow (21%)

Black (41%)



Cyan (42%)

Magenta (41%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2687, 29.3476, 21.7329 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 26.2687, 29.3476, 21.7329 by changing the saturation by 10% instead.

■ 26.2687, 29.3476,
21.7329

■ 26.2687, 29.3476,
21.7329

276.3312,
298.8515, 274.0561

■ 17.1585, 19.3439,
13.4643

■ 53.1363, 58.6289,
47.2007

■ 10.4436, 11.9191,
7.6146

■ 71.6245, 78.6753,
65.2369

■ 5.7585, 6.6886,
3.7651

■ 93.9693, 102.8381,
87.3662

■ 2.7381, 3.2681,
1.4974

120.5362,
131.5017, 114.0070

■ 1.0168, 1.2733,
0.2160

151.6904,
165.0504, 145.5778

■ 0.0000, 0.1204,
0.0000

187.7975,

■ 0.0000, 0.0000,

203.8687, 182.4972

0.0000

229.2226,
248.3409, 225.1838

■ 26.2687, 29.3476,
21.7329

■ 26.2687, 29.3476,
21.7329

■ 25.1794, 28.8829,
17.3448

■ 27.5051, 29.8734,
26.8713

■ 24.2281, 28.4729,
13.6702

■ 28.8924, 30.4591,
32.7910

■ 23.4086, 28.1159,
10.6717

■ 30.4374, 31.1081,
39.5233

■ 22.7128, 27.8088,
8.3082

■ 32.1455, 31.8228,
47.0975

■ 22.1321, 27.5481,
6.5337

■ 34.0221, 32.6053,
55.5411

■ 21.6565, 27.3299,
5.2961

■ 36.0721, 33.4575,
64.8806

■ 21.2745, 27.1494,
4.5345

■ 38.3004, 34.3814,
75.1414

■ 20.9747, 27.0040,
4.1068

■ 40.7116, 35.3789,
86.3478

■ 43.3101, 36.4517,
98.5230

Harmonies

Analogous

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



28.4804, 29.3476, 21.1008



26.2687, 29.3476, 21.7329



24.5807, 29.3476, 24.9100

Triad

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



26.2687, 29.3476, 21.7329



25.3116, 29.3476, 42.9022



32.4458, 29.3476, 33.6514

Complementary

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



26.2687, 29.3476, 21.7329



20.1290, 19.5340, 31.5653

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.



31.4925, 29.3476, 40.2158



26.2687, 29.3476, 21.7329



27.3158, 29.3476, 46.0084

Square

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



26.2687, 29.3476, 21.7329



24.0493, 29.3476, 36.9418



29.5850, 29.3476, 44.9639



32.1281, 29.3476, 27.4376

Rectangle

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



26.2687, 29.3476, 21.7329



23.9395, 29.3476, 28.3097



29.5850, 29.3476, 44.9639



32.2616, 29.3476, 35.8995

Sweetspot

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



26.2695, 29.3489, 21.7335



49.6178, 53.1737, 51.9976



22.8169, 21.6337, 20.4263



10.9654, 11.7711, 11.3931



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



26.2695, 29.3489, 21.7335



45.3978, 51.3822, 34.4548



23.7398, 28.0448, 21.6151



6.2106, 6.7164, 6.2095



17.4098, 22.4029, 3.4066



0.2260, 0.2809, 0.0423

Inverse Universe

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



20.1290, 19.5340, 31.5653



32.4798, 30.7322, 55.1413



22.4329, 20.7217, 31.6731



5.5485, 5.6582, 7.2694



4.7368, 1.9145, 24.0509



0.0683, 0.0287, 0.2949

Previews

White Background



This preview shows how the XYZ color 26.2687, 29.3476, 21.7329 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 26.2687, 29.3476, 21.7329 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

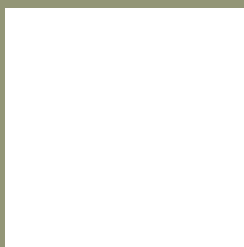
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.2687, 29.3476, 21.7329

Background



This preview shows how black text looks on a background with the XYZ color 26.2687, 29.3476, 21.7329.



This preview shows how white text looks on a background with the XYZ color 26.2687, 29.3476,

21.7329.

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

26.2687, 29.3476, 21.7329

Protanopia

27.4140, 29.2434, 21.3392

Deuteranopia

29.9188, 29.3844, 22.1840



Tritanopia

29.0750, 29.3265, 35.5806

Trichromacy



Original Color

26.2687, 29.3476, 21.7329

Protanomaly

26.9968, 29.2601, 21.3644

Deuteranomaly

28.4159, 29.2882, 21.9248

Tritanomaly

27.9693, 29.3346, 30.1746

Monochromacy



Original Color

26.2687, 29.3476, 21.7329

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.7317, 28.7560, 27.4341

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2687, 29.3476, 21.7329 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(147, 150, 119)` looks like.

```
.text, #text, p{  
    color:rgb(147, 150, 119)  
}
```

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(147, 150, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 150, 119) }
```

Border

The CSS property to change the border of an element to XYZ 26.2687, 29.3476, 21.7329 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(147, 150, 119) }
```


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

```
.border{ border-color:rgb(147, 150, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 150, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 150, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 150, 119);  
box-shadow:4px 4px 4px 4px rgb(147, 150,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2687, 29.3476, 21.7329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 150, 119) }
```

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

```
.background{ background-color: rgb(147,  
150, 119) }
```

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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