

Converting Colors

XYZ(26.7737, 33.0014, 16.3466)

Have a look what the booklet for
XYZ(26.7737, 33.0014, 16.3466)
contains.

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Color

**XYZ(26.7565, 32.9867,
16.2661)**

Conversions

Conversions Part 1

Format	Color
Hex	90A361
RGB	144, 163, 97
RGB Percent	56%, 64%, 38%
CMY	0.4353, 0.3608, 0.6196
CMYK	0.12, 0.00, 0.40, 0.36
HSL	77°, 26%, 51%
HSV	77°, 40%, 64%
XYZ	26.7565, 32.9867, 16.2661
YIQ	149.7950, 9.8620, -24.5540

Conversions

Conversions Part 2

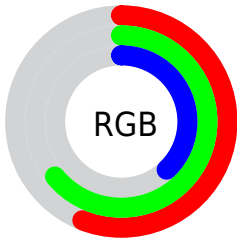
Format	Color
RYB	97, 163, 116
Decimal	9479009
CIELab	64.15, -17.78, 32.07
CIELCh	64, 36.668, 119.009
Yxy	32.9867, 0.3520, 0.4340
Android (android.graphics.Color)	4287669089 (0xFF90A361)
YUV	149.7950, -26.0279, -5.0822
Hunter-Lab	57.4340, -17.3527, 23.4121

Details

The XYZ color **26.7565, 32.9867, 16.2661** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **18.0892, 14.9076, 36.5761**, and the grayscale version is **29.0071, 30.5177, 33.2338**.

A 20% lighter version of the original color is **54.0494, 64.4548, 38.0261**, and **10.6524, 13.8659, 5.0207** is the 20% darker color. If you saturate the color by 10%, you get **25.2708, 32.3008, 12.6288**, and if you desaturate by 10%, it is **28.4342, 33.7556, 20.7290**.

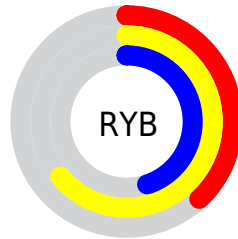
Distribution



Red (56%)

Green (64%)

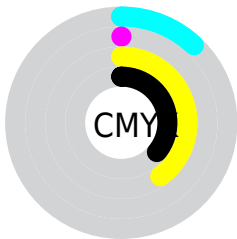
Blue (38%)



Red (38%)

Yellow (64%)

Blue (45%)

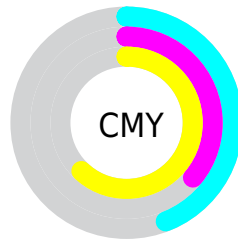


Cyan (12%)

Magenta (0%)

Yellow (40%)

Black (36%)



Cyan (44%)

Magenta (36%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7565, 32.9867, 16.2661 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 26.7565, 32.9867, 16.2661 by changing the saturation by 10% instead.

■ 26.7565, 32.9867,
16.2661

■ 26.7565, 32.9867,
16.2661

278.6653,
315.5898, 242.8059

■ 17.5261, 22.1163,
9.5563

■ 53.9155, 64.3548,
37.8328

■ 10.7079, 13.9423,
5.0040

■ 72.5748, 85.6212,
53.5266

■ 5.9366, 8.0806,
2.1908

■ 95.1078, 111.1217,
73.0523

■ 2.8469, 4.1466,
0.6691

■ 121.8798,
141.2407, 96.8283

■ 1.0733, 1.7559,
0.0000

153.2562,
176.3627, 125.2731

■ 0.0026, 0.4594,
0.0000

189.6024,

■ 0.0000, 0.0000,

216.8719, 158.8052

0.0000

231.2836,
263.1528, 197.8433

■ 26.7565, 32.9867,
16.2661

■ 26.7565, 32.9867,
16.2661

■ 25.2708, 32.3008,
12.6288

■ 28.4342, 33.7556,
20.7290

■ 23.9644, 31.6894,
9.7642

■ 30.3105, 34.6068,
26.0617

■ 22.8273, 31.1495,
7.6166


■ 32.3949, 35.5453,
32.3081


■ 21.8466, 30.6761,
6.1220

■ 34.6954, 36.5742,
39.5081


■ 21.0078, 30.2631,
5.2050


■ 37.2195, 37.6967,
47.6997

 20.3099, 29.9137,
4.7035

 39.9744, 38.9157,
56.9183

 42.9668, 40.2339,
67.1980

 46.2033, 41.6540,
78.5712

 49.6901, 43.1786,
91.0688

Harmonies

Analogous

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



31.5259, 32.9867, 14.2435



26.7565, 32.9867, 16.2661



23.5498, 32.9867, 23.1148

Triad

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



26.7565, 32.9867, 16.2661



26.4882, 32.9867, 66.4245



42.4314, 32.9867, 36.4139

Complementary

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



26.7565, 32.9867, 16.2661



18.0892, 14.9076, 36.5761

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.



40.7132, 32.9867, 52.7420



26.7565, 32.9867, 16.2661



31.1804, 32.9867, 72.7590

Square

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



26.7565, 32.9867, 16.2661



23.4074, 32.9867, 51.6426



36.4476, 32.9867, 67.1727



40.9192, 32.9867, 23.7594

Rectangle

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



26.7565, 32.9867, 16.2661



22.5384, 32.9867, 30.7367



36.4476, 32.9867, 67.1727



42.2095, 32.9867, 41.6487

Sweetspot

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



26.7573, 32.9882, 16.2668



57.3403, 63.3532, 55.8012



23.4739, 21.0723, 14.1399



12.7732, 14.1816, 12.2136



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



26.7573, 32.9882, 16.2668



45.4017, 57.9132, 22.9565



21.8493, 30.4580, 16.0371



7.4498, 8.1344, 7.5575



15.8301, 23.2712, 3.6575



0.3756, 0.5111, 0.0789

Inverse Universe

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



18.0892, 14.9076, 36.5761



27.6443, 20.8349, 64.6207



23.2264, 17.5559, 36.8166



6.8832, 6.9541, 8.8826



6.0865, 2.5442, 27.1001



0.1723, 0.0763, 0.5715

Previews

White Background



This preview shows how the XYZ color 26.7565, 32.9867, 16.2661 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 26.7565, 32.9867, 16.2661 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 ✓ Pass

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

XYZ 26.7565, 32.9867, 16.2661

Background



This preview shows how black text looks on a background with the XYZ color 26.7565, 32.9867, 16.2661.



This preview shows how white text looks on a background with the XYZ color 26.7565, 32.9867,

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

26.7565, 32.9867, 16.2661

Protanopia

30.3193, 32.7969, 15.3221

Deuteranopia

33.3837, 32.6647, 16.6020



Tritanopia

31.8333, 33.0050, 41.2520

Trichromacy



Original Color

26.7565, 32.9867, 16.2661

Protanomaly

28.9904, 32.8570, 15.6406

Deuteranomaly

30.4380, 32.3412, 16.4426

Tritanomaly

29.6870, 32.8907, 30.3751

Monochromacy



Original Color

26.7565, 32.9867, 16.2661

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

28.0308, 31.3773, 26.0518

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7565, 32.9867, 16.2661 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(144, 163, 97)` looks like.

```
.text, #text, p{  
    color:rgb(144, 163, 97)  
}
```

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(144, 163, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 163, 97) }
```

Border

The CSS property to change the border of an element to XYZ 26.7565, 32.9867, 16.2661 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(144, 163, 97) }
```


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

```
.border{ border-color:rgb(144, 163, 97) }
```

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

Here you see how a box with a 4 pixel rgb(144, 163, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 163, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 163, 97);  
box-shadow:4px 4px 4px 4px rgb(144, 163,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7565, 32.9867, 16.2661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 163, 97) }
```

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

```
.background{ background-color: rgb(144,  
163, 97) }
```

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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