

Converting Colors

XYZ(26.7844, 30.4025, 16.6527)

Have a look what the booklet for
XYZ(26.7844, 30.4025, 16.6527)
contains.

XYZ(26.8771, 30.4944, 16.7813)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.8771, 30.4944,
16.7813)**

Conversions

Conversions Part 1

Format	Color
Hex	999965
RGB	153, 153, 101
RGB Percent	60%, 60%, 40%
CMY	0.4000, 0.4000, 0.6039
CMYK	0.00, 0.00, 0.34, 0.40
HSL	60°, 20%, 50%
HSV	60°, 34%, 60%
XYZ	26.8771, 30.4944, 16.7813
YIQ	147.0720, 16.6920, -16.1720

Conversions

Conversions Part 2

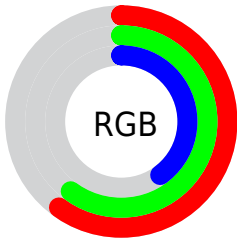
Format	Color
RYB	101, 153, 101
Decimal	10066277
CIELab	62.08, -8.36, 27.39
CIELCh	62, 28.635, 106.976
Yxy	30.4944, 0.3625, 0.4112
Android (android.graphics.Color)	4288256357 (0xFF999965)
YUV	147.0720, -22.7135, 5.1989
Hunter-Lab	55.2217, -9.7599, 20.6376

Details

The XYZ color **26.8771, 30.4944, 16.7813** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.7714, 14.3747, 32.0822**, and the grayscale version is **27.8498, 29.3002, 31.9079**.

A 20% lighter version of the original color is **53.9927, 60.3025, 38.4996**, and **10.7608, 12.5265, 5.2189** is the 20% darker color. If you saturate the color by 10%, you get **26.1963, 30.2231, 13.1940**, and if you desaturate by 10%, it is **27.6990, 30.8243, 21.1050**.

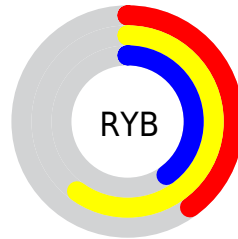
Distribution



Red (60%)

Green (60%)

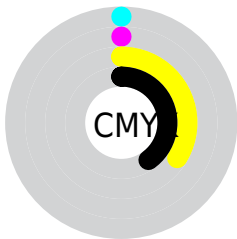
Blue (40%)



Red (40%)

Yellow (60%)

Blue (40%)

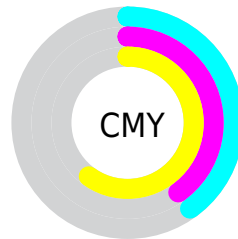


Cyan (0%)

Magenta (0%)

Yellow (34%)

Black (40%)



Cyan (40%)

Magenta (40%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8771, 30.4944, 16.7813 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 26.8771, 30.4944, 16.7813 by changing the saturation by 10% instead.

■ 26.8771, 30.4944,
16.7813

■ 26.8771, 30.4944,
16.7813

279.2400,
304.2022, 245.9100

■ 17.6171, 20.2142,
9.9184

■ 54.1079, 60.4432,
38.7349

■ 10.7734, 12.5508,
5.2400

■ 72.8093, 80.8805,
54.6626

■ 5.9809, 7.1200,
2.3276

■ 95.3886, 105.4723,
74.4490

■ 2.8740, 3.5372,
0.7466

■ 122.2110,
134.6029, 98.5126

■ 1.0875, 1.4182,
0.0000

153.6421,
168.6569, 127.2720

■ 0.0146, 0.2301,
0.0000

190.0470,

■ 0.0000, 0.0000,

208.0185, 161.1456

0.0000

231.7912,
253.0721, 200.5521

■ 26.8771, 30.4944,
16.7813

■ 26.8771, 30.4944,
16.7813

■ 26.1963, 30.2231,
13.1940

■ 27.6990, 30.8243,
21.1050

■ 25.6466, 30.0032,
10.3003

■ 28.6670, 31.2115,
26.2009

■ 25.2202, 29.8326,
8.0561

■ 29.7883, 31.6600,
32.1047

■ 24.9076, 29.7076,
6.4110

■ 31.0694, 32.1725,
38.8495

■ 24.6978, 29.6236,
5.3079

■ 32.5160, 32.7512,
46.4664

■ 24.5779, 29.5756,
4.6774

■ 34.1339, 33.3984,
54.9849

■ 24.5274, 29.5554,
4.4120

■ 35.9284, 34.1162,
64.4333

■ 37.9045, 34.9066,
74.8384

■ 40.0673, 35.7718,
86.2261

Harmonies

Analogous

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



30.6835, 30.4944, 16.5425



26.8771, 30.4944, 16.7813



23.9047, 30.4944, 20.7430

Triad

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



26.8771, 30.4944, 16.7813



24.2234, 30.4944, 51.2272



36.8061, 30.4944, 38.2107

Complementary

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



26.8771, 30.4944, 16.7813



15.7714, 14.3747, 32.0822

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.



34.7362, 30.4944, 49.8599



26.8771, 30.4944, 16.7813



27.3485, 30.4944, 58.4204

Square

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



26.8771, 30.4944, 16.7813



22.4682, 30.4944, 39.7818



31.1983, 30.4944, 57.8709



36.6515, 30.4944, 27.3930

Rectangle

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



26.8771, 30.4944, 16.7813



22.6942, 30.4944, 25.5864



31.1983, 30.4944, 57.8709



36.3402, 30.4944, 42.1989

Sweetspot

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



26.8779, 30.4958, 16.7819



52.0644, 56.1842, 50.7537



20.1405, 17.0200, 14.5359



11.4409, 12.3838, 10.9151



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



26.8779, 30.4958, 16.7819



47.1570, 54.2211, 24.9183



22.4938, 28.2357, 16.5768



6.7089, 7.2229, 6.6464



20.2702, 24.4256, 3.6463



0.3031, 0.3652, 0.0545

Inverse Universe

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



15.7714, 14.3747, 32.0822



24.0837, 20.7301, 56.7039



19.1567, 16.1199, 32.2406



5.8845, 6.0263, 7.7820



4.7522, 1.9009, 25.0241



0.0711, 0.0284, 0.3741

Previews

White Background



This preview shows how the XYZ color 26.8771, 30.4944, 16.7813 looks on a white background.

Color Contrast Check

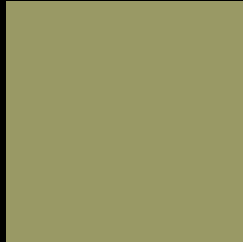
Large Text (above 18pt) WCAG AA × Fail

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 26.8771, 30.4944, 16.7813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

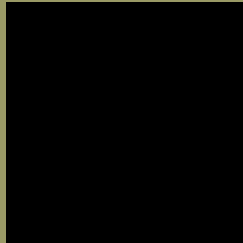
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.8771, 30.4944, 16.7813

Background



This preview shows how black text looks on a background with the XYZ color 26.8771, 30.4944, 16.7813.



This preview shows how white text looks on a background with the XYZ color 26.8771, 30.4944,

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

26.8771, 30.4944, 16.7813

Protanopia

28.3109, 30.5193, 16.4553

Deuteranopia

30.8610, 30.2079, 17.0361



Tritanopia

30.8619, 30.4657, 36.1522

Trichromacy



Original Color

26.8771, 30.4944, 16.7813

Protanomaly

27.6649, 30.4242, 16.4710

Deuteranomaly

29.4096, 30.3728, 16.8829

Tritanomaly

29.1674, 30.4691, 28.0108

Monochromacy



Original Color

26.8771, 30.4944, 16.7813

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.1711, 29.4962, 25.3803

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8771, 30.4944, 16.7813 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(153, 153, 101)` looks like.

```
.text, #text, p{  
    color:rgb(153, 153, 101)  
}
```

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(153, 153, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 153, 101) }
```

Border

The CSS property to change the border of an element to XYZ 26.8771, 30.4944, 16.7813 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(153, 153, 101) }
```


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

```
.border{ border-color:rgb(153, 153, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 153, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 153, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 153, 101);  
box-shadow:4px 4px 4px 4px rgb(153, 153,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8771, 30.4944, 16.7813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 153, 101) }
```

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

```
.background{ background-color: rgb(153,  
153, 101) }
```

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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