

Converting Colors

XYZ(26.5174, 27.2523, 16.2751)

Have a look what the booklet for
XYZ(26.5174, 27.2523, 16.2751)
contains.

XYZ(26.6273, 27.3771, 16.1928)	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(26.6273, 27.3771,
16.1928)**

Conversions

Conversions Part 1

Format	Color
Hex	A28C65
RGB	162, 140, 101
RGB Percent	64%, 55%, 40%
CMY	0.3647, 0.4510, 0.6039
CMYK	0.00, 0.14, 0.38, 0.36
HSL	38°, 25%, 52%
HSV	38°, 38%, 64%
XYZ	26.6273, 27.3771, 16.1928
YIQ	142.1320, 25.6310, -7.4650

Conversions

Conversions Part 2

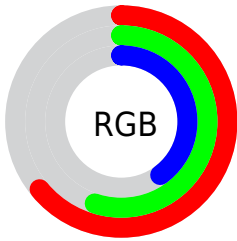
Format	Color
RYB	135, 162, 101
Decimal	10652773
CIELab	59.32, 2.50, 23.90
CIElCh	59, 24.034, 84.025
Yxy	27.3771, 0.3793, 0.3900
Android (android.graphics.Color)	4288842853 (0xFFA28C65)
YUV	142.1320, -20.2781, 17.4242
Hunter-Lab	52.3231, -0.7266, 18.2773

Details

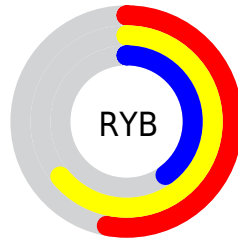
The XYZ color **26.6273, 27.3771, 16.1928** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **18.9711, 19.5406, 36.9542**, and the grayscale version is **25.8346, 27.1800, 29.5990**.

A 20% lighter version of the original color is **53.6509, 55.3124, 37.5544**, and **10.6287, 10.8299, 5.0202** is the 20% darker color. If you saturate the color by 10%, you get **25.0797, 25.4293, 12.1395**, and if you desaturate by 10%, it is **28.3781, 29.4807, 21.0864**.

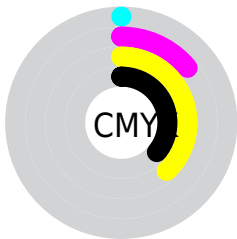
Distribution



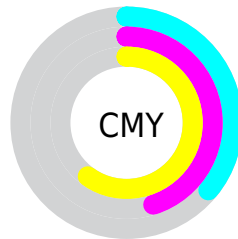
- Red (64%)
- Green (55%)
- Blue (40%)



- Red (53%)
- Yellow (64%)
- Blue (40%)



- Cyan (0%)
- Magenta (14%)
- Yellow (38%)
- Black (36%)



- Cyan (36%)
- Magenta (45%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6273, 27.3771, 16.1928 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 26.6273, 27.3771, 16.1928 by changing the saturation by 10% instead.

■ 26.6273, 27.3771,
16.1928

■ 26.6273, 27.3771,
16.1928

278.0486,
289.4784, 242.3611

■ 17.4286, 17.8566,
9.5049

■ 53.7093, 55.4884,
37.7040

■ 10.6378, 10.8471,
4.9706

■ 72.3234, 74.8480,
53.3644

■ 5.8893, 5.9641,
2.1716

■ 94.8067, 98.2562,
72.8526

■ 2.8179, 2.8233,
0.6579

■ 121.5246,
126.0972, 96.5873

■ 1.0582, 1.0402,
0.0000

152.8423,
158.7556, 124.9870

■ 0.0000, 0.0000,
0.0000

189.1254,

196.6156, 158.4701

230.7390,
240.0617, 197.4553

■ 26.6273, 27.3771,
16.1928

■ 26.6273, 27.3771,
16.1928

■ 25.0797, 25.4293,
12.1395

■ 28.3781, 29.4807,
21.0864

■ 23.7232, 23.6283,
8.8759

■ 30.3393, 31.7411,
26.8635

■ 22.5477, 21.9700,
6.3487

■ 32.5199, 34.1639,
33.5664

■ 21.5409, 20.4483,
4.4968

■ 34.9281, 36.7535,
41.2341

■ 20.6888, 19.0563,
3.2497

■ 37.5714, 39.5138,
49.9033

■ 19.9680, 17.7836,
2.4893

■ 40.4570, 42.4488,
59.6090

■ 19.8088, 17.4984,
2.3335

■ 43.5918, 45.5622,
70.3842

■ 46.9824, 48.8576,
82.2606

■ 50.6351, 52.3384,
95.2685

Harmonies

Analogous

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



29.5655, 27.3771, 18.3214



26.6273, 27.3771, 16.1928



23.7386, 27.3771, 17.1040

Triad

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



26.6273, 27.3771, 16.1928



21.0918, 27.3771, 37.0675



30.9834, 27.3771, 40.6262

Complementary

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



26.6273, 27.3771, 16.1928



18.9711, 19.5406, 36.9542

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.



28.4455, 27.3771, 47.6242



26.6273, 27.3771, 16.1928



22.7720, 27.3771, 45.3084

Square

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



26.6273, 27.3771, 16.1928



20.6865, 27.3771, 28.1192



25.4242, 27.3771, 49.4845



32.2020, 27.3771, 31.5652

Rectangle

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



26.6273, 27.3771, 16.1928



22.2081, 27.3771, 19.4223



25.4242, 27.3771, 49.4845



30.2473, 27.3771, 43.3627

Sweetspot

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



26.6280, 27.3784, 16.1934



57.5836, 60.4242, 56.4135



23.1523, 18.4283, 21.1965



12.8183, 13.4438, 12.3164



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.



26.6280, 27.3784, 16.1934



46.0094, 46.7809, 23.2522



28.5704, 33.6372, 17.2991



7.4336, 7.8055, 7.4949



15.6477, 13.8694, 1.8523



0.3711, 0.3761, 0.0530

Inverse Universe

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



18.9711, 19.5406, 36.9542



30.1229, 30.5301, 66.3614



17.4986, 15.1760, 36.1893



6.8998, 7.2586, 8.9405



6.3843, 4.5481, 27.4712



0.1778, 0.1829, 0.5918

Previews

White Background



This preview shows how the XYZ color 26.6273, 27.3771, 16.1928 looks on a white background.

Color Contrast Check

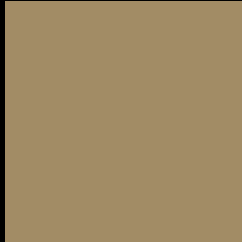
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6273, 27.3771, 16.1928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

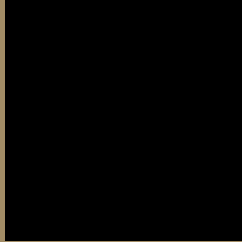
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.6273, 27.3771, 16.1928

Background



This preview shows how black text looks on a background with the XYZ color 26.6273, 27.3771, 16.1928.



This preview shows how white text looks on a background with the XYZ color 26.6273, 27.3771,

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

26.6273, 27.3771, 16.1928

Protanopia

25.5472, 27.4743, 16.5270

Deuteranopia

27.9215, 27.3967, 16.3868



Tritanopia

29.5723, 27.3100, 30.5008

Trichromacy



Original Color

26.6273, 27.3771, 16.1928

Protanomaly

25.9759, 27.4734, 16.5042

Deuteranomaly

27.4231, 27.3518, 16.4044

Tritanomaly

28.2837, 27.1926, 24.5269

Monochromacy



Original Color

26.6273, 27.3771, 16.1928

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.7501, 26.9716, 23.9275

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6273, 27.3771, 16.1928 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(162, 140, 101)` looks like.

```
.text, #text, p{  
    color:rgb(162, 140, 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(162, 140, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 140, 101) }
```

Border

The CSS property to change the border of an element to XYZ 26.6273, 27.3771, 16.1928 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(162, 140, 101) }
```


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

```
.border{ border-color:rgb(162, 140, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 140, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 140, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 140, 101);  
box-shadow:4px 4px 4px 4px rgb(162, 140,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6273, 27.3771, 16.1928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 140, 101) }
```

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

```
.background{ background-color: rgb(162,  
140, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor