

Converting Colors

XYZ(28.0520, 26.3885, 16.7229)

Have a look what the booklet for
XYZ(28.0520, 26.3885, 16.7229)
contains.

XYZ(27.9835, 26.3862, 16.7149)	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(27.9835, 26.3862,
16.7149)**

Conversions

Conversions Part 1

Format	Color
Hex	AD8468
RGB	173, 132, 104
RGB Percent	68%, 52%, 41%
CMY	0.3216, 0.4823, 0.5922
CMYK	0.00, 0.24, 0.40, 0.32
HSL	24°, 30%, 54%
HSV	24°, 40%, 68%
XYZ	27.9835, 26.3862, 16.7149
YIQ	141.0670, 33.4240, -0.0160

Conversions

Conversions Part 2

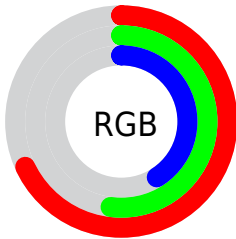
Format	Color
R_{YB}	173, 151, 104
Decimal	11371624
CIE _{Lab}	58.40, 11.93, 21.19
CIE _{LCh}	58, 24.317, 60.621
Yxy	26.3862, 0.3937, 0.3712
Android (android.graphics.Color)	4289561704 (0xFFAD8468)
YUV	141.0670, -18.2740, 28.0052
Hunter-Lab	51.3675, 7.3484, 16.6644

Details

The XYZ color **27.9835, 26.3862, 16.7149** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **23.3768, 26.2101, 43.3620**, and the grayscale version is **25.4045, 26.7275, 29.1062**.

A 20% lighter version of the original color is **55.8985, 53.8875, 38.4655**, and **11.3636, 10.2519, 5.2508** is the 20% darker color. If you saturate the color by 10%, you get **25.8676, 23.4193, 12.1100**, and if you desaturate by 10%, it is **30.4184, 29.7025, 22.3161**.

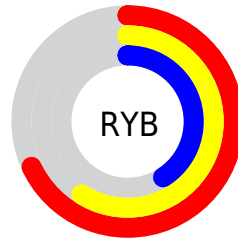
Distribution



Red (68%)

Green (52%)

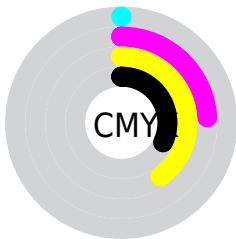
Blue (41%)



Red (68%)

Yellow (59%)

Blue (41%)

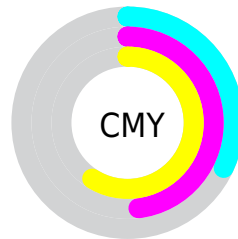


Cyan (0%)

Magenta (24%)

Yellow (40%)

Black (32%)



Cyan (32%)

Magenta (48%)

Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.9835, 26.3862, 16.7149 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 27.9835, 26.3862, 16.7149 by changing the saturation by 10% instead.


 27.9835, 26.3862,
16.7149


 27.9835, 26.3862,
16.7149


284.4696,
284.6728, 245.5121


 18.4536, 17.1128,
9.8716


 55.8669, 53.8973,
38.6188


 11.3778, 10.3149,
5.2094


 74.9512, 72.9038,
54.5166

 6.3907, 5.6083,
2.3098


 97.9509, 95.9235,
74.2696

 3.1270, 2.6084,
0.7367

 125.2315,
123.3407, 98.2964

 1.2213, 0.9309,
0.0000

157.1583,
155.5398, 127.0155

 0.1231, 0.0000,
0.0000

194.0967,

 0.0000, 0.0000,

192.9053, 160.8454

0.0000

236.4120,
235.8215, 200.2048

■ 27.9835, 26.3862,
16.7149

■ 27.9835, 26.3862,
16.7149

■ 25.8676, 23.4193,
12.1100

■ 30.4184, 29.7025,
22.3161

■ 24.0536, 20.7855,
8.4400

■ 33.1843, 33.3760,
28.9669

■ 22.5257, 18.4731,
5.6392

■ 36.2949, 37.4190,
36.7183

■ 21.2656, 16.4677,
3.6324

■ 39.7624, 41.8421,
45.6180

■ 20.2523, 14.7534,
2.3314

■ 43.5985, 46.6554,
55.7105

■ 19.4456, 13.3066,
1.5493

■ 47.8143, 51.8685,
67.0379

■ 19.4370, 13.2911,
1.5410

■ 52.4203, 57.4907,
79.6406

■ 57.4269, 63.5311,
93.5567

■ 62.0774, 69.6919,
104.7878

Harmonies

Analogous

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



30.3161, 26.3862, 21.1855



27.9835, 26.3862, 16.7149



25.0175, 26.3862, 15.2935

Triad

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



27.9835, 26.3862, 16.7149



19.7962, 26.3862, 28.9075



28.0989, 26.3862, 45.2090

Complementary

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



27.9835, 26.3862, 16.7149



23.3768, 26.2101, 43.3620

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.



25.1412, 26.3862, 48.3606



27.9835, 26.3862, 16.7149



20.4832, 26.3862, 37.8818

Square

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



27.9835, 26.3862, 16.7149



20.4292, 26.3862, 21.4368



22.3833, 26.3862, 45.4490



30.3863, 26.3862, 37.5142

Rectangle

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



27.9835, 26.3862, 16.7149



23.1232, 26.3862, 15.9908



22.3833, 26.3862, 45.4490



27.1427, 26.3862, 46.8957

Sweetspot

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



27.9842, 26.3875, 16.7154



63.6505, 65.2716, 62.3513



27.3258, 20.8418, 29.5329



13.6787, 13.9856, 13.1640



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



27.9842, 26.3875, 16.7154



46.6979, 42.4699, 22.4699



33.3867, 37.1925, 18.5163



8.2621, 8.5291, 8.4242



14.3326, 9.8707, 1.1498



0.4533, 0.3838, 0.0502

Inverse Universe

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



23.3768, 26.2101, 43.3620



37.2630, 42.0837, 76.9648



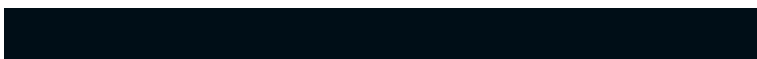
18.9256, 17.3076, 41.8783



7.9596, 8.5185, 10.1774



9.1462, 9.4263, 30.3819



0.3063, 0.3660, 0.8625

Previews

White Background



This preview shows how the XYZ color 27.9835, 26.3862, 16.7149 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 27.9835, 26.3862, 16.7149 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 27.9835, 26.3862, 16.7149

Background



This preview shows how black text looks on a background with the XYZ color 27.9835, 26.3862, 16.7149.



This preview shows how white text looks on a background with the XYZ color 27.9835, 26.3862,

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

27.9835, 26.3862, 16.7149

Protanopia

24.6625, 26.3229, 17.9683

Deuteranopia

26.8380, 26.4142, 16.5159



Tritanopia

30.0092, 26.2150, 27.1453

Trichromacy



Original Color

27.9835, 26.3862, 16.7149

Protanomaly

25.7001, 26.2220, 17.6167

Deuteranomaly

27.3355, 26.4645, 16.4994

Tritanomaly

29.2311, 26.2951, 22.9369

Monochromacy



Original Color

27.9835, 26.3862, 16.7149

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

26.1216, 26.5078, 24.1618

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9835, 26.3862, 16.7149 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(173, 132, 104)` looks like.

```
.text, #text, p{  
    color:rgb(173, 132, 104)  
}
```

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(173, 132, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 132, 104) }
```

Border

The CSS property to change the border of an element to XYZ 27.9835, 26.3862, 16.7149 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(173, 132, 104) }
```


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

```
.border{ border-color:rgb(173, 132, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 132, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 132, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 132, 104);  
box-shadow:4px 4px 4px 4px rgb(173, 132,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9835, 26.3862, 16.7149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 132, 104) }
```

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

```
.background{ background-color: rgb(173,  
132, 104) }
```

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