

Converting Colors

XYZ(26.9910, 26.3516, 13.5613)

Have a look what the booklet for
XYZ(26.9910, 26.3516, 13.5613)
contains.

XYZ(26.9910, 26.3516, 13.5613)	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(26.9910, 26.3516,
13.5613)**

Conversions

Conversions Part 1

Format	Color
Hex	AA865B
RGB	170, 134, 91
RGB Percent	67%, 53%, 36%
CMY	0.3333, 0.4745, 0.6431
CMYK	0.00, 0.21, 0.46, 0.33
HSL	33°, 32%, 51%
HSV	33°, 46%, 67%
XYZ	26.9910, 26.3516, 13.5613
YIQ	139.8620, 35.2590, -5.7410

Conversions

Conversions Part 2

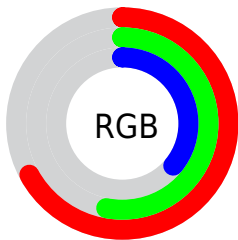
Format	Color
RYB	157, 170, 91
Decimal	11175515
CIELab	58.37, 8.09, 28.34
CIElCh	58, 29.475, 74.070
Yxy	26.3516, 0.4034, 0.3939
Android (android.graphics.Color)	4289365595 (0xFFAA865B)
YUV	139.8620, -24.0890, 26.4310
Hunter-Lab	51.3338, 4.0200, 20.2705

Details

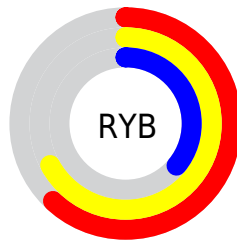
The XYZ color **26.9910, 26.3516, 13.5613** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **19.1591, 20.3043, 40.9395**, and the grayscale version is **24.9552, 26.2548, 28.5915**.

A 20% lighter version of the original color is **54.3314, 53.8245, 33.1168**, and **10.8274, 10.2355, 3.7879** is the 20% darker color. If you saturate the color by 10%, you get **25.3076, 24.0284, 9.7829**, and if you desaturate by 10%, it is **28.9203, 28.9006, 18.2418**.

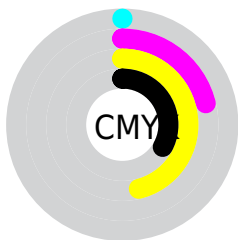
Distribution



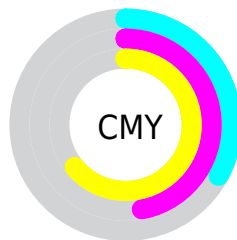
- Red (67%)
- Green (53%)
- Blue (36%)



- Red (62%)
- Yellow (67%)
- Blue (36%)



- Cyan (0%)
- Magenta (21%)
- Yellow (46%)
- Black (33%)



- Cyan (33%)
- Magenta (47%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9910, 26.3516, 13.5613 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 26.9910, 26.3516, 13.5613 by changing the saturation by 10% instead.

■ 26.9910, 26.3516,
13.5613

■ 26.9910, 26.3516,
13.5613

279.7819,
284.5038, 225.8170

■ 17.7030, 17.0869,
7.6809

■ 54.2894, 53.8416,
33.0144

■ 10.8354, 10.2964,
3.8066

■ 73.0306, 72.8357,
47.4242

■ 6.0227, 5.5959,
1.5199

■ 95.6535, 95.8417,
65.5143

■ 2.8997, 2.6010,
0.2327

■ 122.5235,
123.2439, 87.7031

■ 1.1009, 0.9272,
0.0000

154.0060,
155.4269, 114.4093

■ 0.0259, 0.0000,
0.0000

190.4663,

■ 0.0000, 0.0000,

192.7749, 146.0513

0.0000

232.2698,
235.6724, 183.0477

■ 26.9910, 26.3516,
13.5613

■ 26.9910, 26.3516,
13.5613

■ 25.3076, 24.0284,
9.7829

■ 28.9203, 28.9006,
18.2418

■ 23.8551, 21.9194,
6.8446

■ 31.1055, 31.6791,
23.8777

■ 22.6196, 20.0173,
4.6791

■ 33.5581, 34.6951,
30.5198

■ 21.5845, 18.3125,
3.2077

■ 36.2887, 37.9554,
38.2150

■ 20.7274, 16.7932,
2.3213

■ 39.3068, 41.4660,
47.0070

■ 20.4517, 16.2943,
2.0672

■ 42.6217, 45.2331,
56.9373

■ 46.2421, 49.2624,
68.0449

■ 50.1765, 53.5594,
80.3673

■ 54.4328, 58.1296,
93.9401

Harmonies

Analogous

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



30.3457, 26.3516, 17.0131



26.9910, 26.3516, 13.5613



23.4041, 26.3516, 13.4606

Triad

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



26.9910, 26.3516, 13.5613



18.9246, 26.3516, 33.7764



30.1657, 26.3516, 45.3867

Complementary

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



26.9910, 26.3516, 13.5613



19.1591, 20.3043, 40.9395

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.



26.7638, 26.3516, 52.4837



26.9910, 26.3516, 13.5613



20.4030, 26.3516, 44.7726

Square

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



26.9910, 26.3516, 13.5613



18.9728, 26.3516, 23.5969



23.1975, 26.3516, 52.2353



32.2949, 26.3516, 34.4732

Rectangle

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



26.9910, 26.3516, 13.5613



21.3719, 26.3516, 15.2247



23.1975, 26.3516, 52.2353



29.1196, 26.3516, 48.4024

Sweetspot

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



26.9916, 26.3529, 13.5618



61.9416, 64.2230, 58.3013



24.2063, 17.5834, 22.4944



13.5900, 14.0525, 12.3813



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.



26.9916, 26.3529, 13.5618



45.7636, 43.3784, 17.4208



32.2770, 37.7602, 15.4851



7.8567, 8.1935, 7.9567



15.1008, 12.0989, 1.5394



0.4176, 0.3947, 0.0542

Inverse Universe

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



19.1591, 20.3043, 40.9395



29.7523, 31.0255, 73.4223



15.5756, 12.7451, 39.6693



7.4028, 7.8426, 9.5419



7.3678, 6.1958, 28.7831



0.2307, 0.2537, 0.7175

Previews

White Background



This preview shows how the XYZ color 26.9910, 26.3516, 13.5613 looks on a white background.

Color Contrast Check

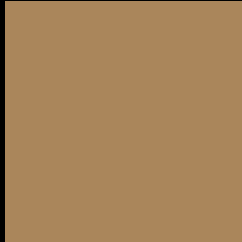
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9910, 26.3516, 13.5613 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 26.9910, 26.3516, 13.5613

Background



This preview shows how black text looks on a background with the XYZ color 26.9910, 26.3516, 13.5613.



This preview shows how white text looks on a background with the XYZ color 26.9910, 26.3516,

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

26.9910, 26.3516, 13.5613

Protanopia

24.4942, 26.5333, 14.4201

Deuteranopia

26.7756, 26.2405, 13.5512



Tritanopia

29.7622, 26.2720, 27.5471

Trichromacy



Original Color

26.9910, 26.3516, 13.5613

Protanomaly

25.3623, 26.3382, 14.1030

Deuteranomaly

26.7756, 26.2405, 13.5512

Tritanomaly

28.6674, 26.2300, 21.6411

Monochromacy



Original Color

26.9910, 26.3516, 13.5613

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.3638, 26.1614, 22.1252

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9910, 26.3516, 13.5613 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(170, 134, 91)` looks like.

```
.text, #text, p{  
    color:rgb(170, 134, 91)  
}
```

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(170, 134, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 134, 91) }
```

Border

The CSS property to change the border of an element to XYZ 26.9910, 26.3516, 13.5613 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(170, 134, 91) }
```


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

```
.border{ border-color:rgb(170, 134, 91) }
```

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

Here you see how a box with a 4 pixel rgb(170, 134, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 134, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 134, 91);  
box-shadow:4px 4px 4px 4px rgb(170, 134,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9910, 26.3516, 13.5613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 134, 91) }
```

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

```
.background{ background-color: rgb(170,  
134, 91) }
```

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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