

Converting Colors

XYZ(26.5520, 30.3211, 17.0235)

Have a look what the booklet for
XYZ(26.5520, 30.3211, 17.0235)
contains.

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Color

**XYZ(26.5520, 30.3211,
17.0235)**

Conversions

Conversions Part 1

Format	Color
Hex	979966
RGB	151, 153, 102
RGB Percent	59%, 60%, 40%
CMY	0.4078, 0.4000, 0.6000
CMYK	0.01, 0.00, 0.33, 0.40
HSL	62°, 20%, 50%
HSV	62°, 33%, 60%
XYZ	26.5520, 30.3211, 17.0235
YIQ	146.5880, 15.1790, -16.2850

Conversions

Conversions Part 2

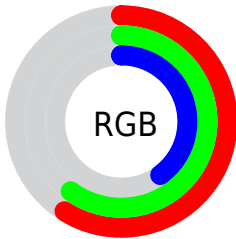
Format	Color
RYB	102, 153, 104
Decimal	9935206
CIELab	61.93, -9.05, 26.62
CIELCh	62, 28.115, 108.778
Yxy	30.3211, 0.3593, 0.4103
Android (android.graphics.Color)	4288125286 (0xFF979966)
YUV	146.5880, -21.9819, 3.8693
Hunter-Lab	55.0646, -10.2908, 20.2154

Details

The XYZ color **26.5520, 30.3211, 17.0235** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.2112, 14.7465, 32.1307**, and the grayscale version is **27.6472, 29.0870, 31.6757**.

A 20% lighter version of the original color is **53.5992, 60.0806, 39.3436**, and **10.5628, 12.4217, 5.3309** is the 20% darker color. If you saturate the color by 10%, you get **25.7512, 29.9890, 13.3842**, and if you desaturate by 10%, it is **27.4950, 30.7123, 21.4018**.

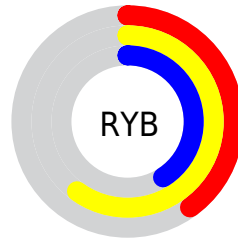
Distribution



Red (59%)

Green (60%)

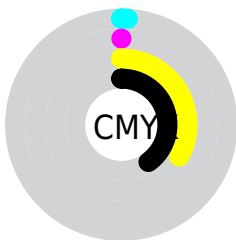
Blue (40%)



Red (40%)

Yellow (60%)

Blue (41%)

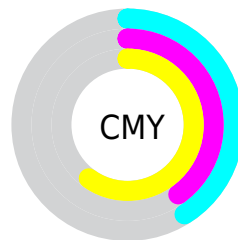


Cyan (1%)

Magenta (0%)

Yellow (33%)

Black (40%)



Cyan (41%)

Magenta (40%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5520, 30.3211, 17.0235 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 26.5520, 30.3211, 17.0235 by changing the saturation by 10% instead.

■ 26.5520, 30.3211,
17.0235

■ 26.5520, 30.3211,
17.0235

277.6887,
303.3983, 247.3563

■ 17.3719, 20.0824,
10.0891

■ 53.5891, 60.1696,
39.1574

■ 10.5969, 12.4550,
5.3517

■ 72.1768, 80.5482,
55.1940

■ 5.8618, 7.0543,
2.3927

■ 94.6311, 105.0757,
75.1017

■ 2.8011, 3.4961,
0.7825

■ 121.3173,
134.1363, 99.2991

■ 1.0495, 1.3959,
0.0000

152.6008,
168.1144, 128.2047

■ 0.0000, 0.2137,
0.0000

188.8470,

■ 0.0000, 0.0000,

207.3946, 162.2371

0.0000

230.4212,
252.3611, 201.8148

■ 26.5520, 30.3211,
17.0235

■ 26.5520, 30.3211,
17.0235

■ 25.7512, 29.9890,
13.3842

■ 27.4950, 30.7123,
21.4018

■ 25.0826, 29.7088,
10.4413

■ 28.5849, 31.1613,
26.5547

■ 24.5385, 29.4784,
8.1508

■ 29.8294, 31.6721,
32.5178

■ 24.1093, 29.2941,
6.4632

■ 31.2344, 32.2472,
39.3240

■ 23.7845, 29.1515,
5.3214

■ 32.8061, 32.8891,
47.0043

■ 23.5510, 29.0456,
4.6580

■ 34.5498, 33.5998,
55.5881

■ 23.4231, 28.9861,
4.3604

■ 36.4711, 34.3817,
65.1036

■ 38.5750, 35.2366,
75.5775

■ 40.8663, 36.1666,
87.0357

Harmonies

Analogous

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



30.2506, 30.3211, 16.5729



26.5520, 30.3211, 17.0235



23.7117, 30.3211, 21.1541

Triad

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



26.5520, 30.3211, 17.0235



24.3088, 30.3211, 51.1852



36.5161, 30.3211, 37.2141

Complementary

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



26.5520, 30.3211, 17.0235



16.2112, 14.7465, 32.1307

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.



34.6122, 30.3211, 48.6412



26.5520, 30.3211, 17.0235



27.4339, 30.3211, 57.8009

Square

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



26.5520, 30.3211, 17.0235



22.4966, 30.3211, 40.1455



31.2121, 30.3211, 56.7800



36.2278, 30.3211, 26.7823

Rectangle

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



26.5520, 30.3211, 17.0235



22.5862, 30.3211, 26.0666



31.2121, 30.3211, 56.7800



36.1051, 30.3211, 41.0989

Sweetspot

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



26.5528, 30.3225, 17.0241



51.8581, 56.0778, 50.7440



20.4563, 17.5727, 14.8845



11.3896, 12.3574, 10.9127



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.



26.5528, 30.3225, 17.0241



46.4568, 53.8464, 25.5049



22.3654, 28.1638, 16.8282



6.6849, 7.2105, 6.6453



19.3644, 23.9586, 3.6039



0.2959, 0.3615, 0.0542

Inverse Universe

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



16.2112, 14.7465, 32.1307



25.0268, 21.5653, 56.8154



19.5858, 16.4861, 32.2886



5.9058, 6.0373, 7.7830



4.8211, 1.9364, 25.0274



0.0773, 0.0317, 0.3744

Previews

White Background



This preview shows how the XYZ color 26.5520, 30.3211, 17.0235 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 26.5520, 30.3211, 17.0235 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

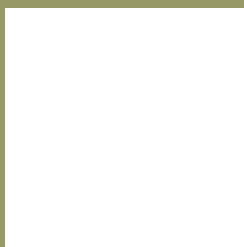
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.5520, 30.3211, 17.0235

Background



This preview shows how black text looks on a background with the XYZ color 26.5520, 30.3211, 17.0235.



This preview shows how white text looks on a background with the XYZ color 26.5520, 30.3211,

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

26.5520, 30.3211, 17.0235

Protanopia

27.9967, 30.1159, 16.6493

Deuteranopia

30.6812, 30.1094, 17.2913



Tritanopia

30.5510, 30.2955, 36.5852

Trichromacy



Original Color

26.5520, 30.3211, 17.0235

Protanomaly

27.3559, 30.0214, 16.6648

Deuteranomaly

29.0303, 30.1715, 17.1256

Tritanomaly

28.8525, 30.2984, 28.3723

Monochromacy



Original Color

26.5520, 30.3211, 17.0235

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.0569, 29.4295, 25.7271

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5520, 30.3211, 17.0235 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(151, 153, 102)` looks like.

```
.text, #text, p{  
    color:rgb(151, 153, 102)  
}
```

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(151, 153, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 153, 102) }
```

Border

The CSS property to change the border of an element to XYZ 26.5520, 30.3211, 17.0235 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(151, 153, 102) }
```


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

```
.border{ border-color:rgb(151, 153, 102) }
```

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

Here you see how a box with a 4 pixel rgb(151, 153, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 153, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 153, 102);  
box-shadow:4px 4px 4px 4px rgb(151, 153,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5520, 30.3211, 17.0235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 153, 102) }
```

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

```
.background{ background-color: rgb(151,  
153, 102) }
```

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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