

Converting Colors

XYZ(26.5118, 28.8179, 21.3250)

Have a look what the booklet for
XYZ(26.5118, 28.8179, 21.3250)
contains.

XYZ(26.4662, 28.7548, 21.2948)	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(26.4662, 28.7548,
21.2948)**

Conversions

Conversions Part 1

Format	Color
Hex	979376
RGB	151, 147, 118
RGB Percent	59%, 58%, 46%
CMY	0.4078, 0.4235, 0.5373
CMYK	0.00, 0.03, 0.22, 0.41
HSL	53°, 14%, 53%
HSV	53°, 22%, 59%
XYZ	26.4662, 28.7548, 21.2948
YIQ	144.8900, 11.6930, -8.1710

Conversions

Conversions Part 2

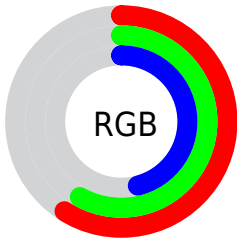
Format	Color
R_{YB}	123, 151, 118
Decimal	9933686
CIE Lab	60.56, -3.52, 15.92
CIE LCh	61, 16.300, 102.459
Yxy	28.7548, 0.3459, 0.3758
Android (android.graphics.Color)	4288123766 (0xFF979376)
YUV	144.8900, -13.2568, 5.3585
Hunter-Lab	53.6235, -5.7414, 13.9914

Details

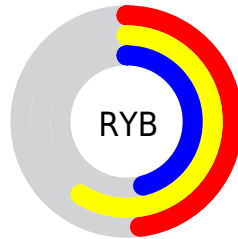
The XYZ color **26.4662, 28.7548, 21.2948** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **20.0164, 20.0043, 32.0844**, and the grayscale version is **26.9184, 28.3203, 30.8408**.

A 20% lighter version of the original color is **53.3192, 57.6547, 46.3485**, and **10.6357, 11.7009, 7.4923** is the 20% darker color. If you saturate the color by 10%, you get **25.3580, 27.8611, 16.8472**, and if you desaturate by 10%, it is **27.7241, 29.7175, 26.5018**.

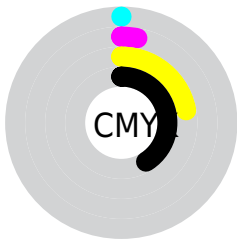
Distribution



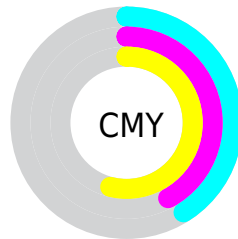
- Red (59%)
- Green (58%)
- Blue (46%)



- Red (48%)
- Yellow (59%)
- Blue (46%)



- Cyan (0%)
- Magenta (3%)
- Yellow (22%)
- Black (41%)



- Cyan (41%)
- Magenta (42%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4662, 28.7548, 21.2948 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 26.4662, 28.7548, 21.2948 by changing the saturation by 10% instead.

■ 26.4662, 28.7548,
21.2948

■ 26.4662, 28.7548,
21.2948

277.2781,
296.0563, 271.6734

■ 17.3072, 18.8954,
13.1463

■ 53.4520, 57.6873,
46.4648

■ 10.5504, 11.5947,
7.3975

■ 72.0096, 77.5292,
64.3234

■ 5.8305, 6.4684,
3.6297

■ 94.4308, 101.4673,
86.2558

■ 2.7819, 3.1319,
1.4245

121.0810,
129.8862, 112.6805

■ 1.0395, 1.2010,
0.1607

152.3254,
163.1701, 144.0161

■ 0.0000, 0.0625,
0.0000

188.5295,

■ 0.0000, 0.0000,

201.7035, 180.6810

0.0000

230.0586,
245.8708, 223.0940

■ 26.4662, 28.7548,
21.2948

■ 26.4662, 28.7548,
21.2948

■ 25.3580, 27.8611,
16.8472

■ 27.7241, 29.7175,
26.5018

■ 24.3904, 27.0300,
13.1212

■ 29.1359, 30.7481,
32.4999

■ 23.5568, 26.2595,
10.0785

■ 30.7082, 31.8502,
39.3212

■ 22.8490, 25.5466,
7.6767

■ 32.4469, 33.0261,
46.9955

■ 22.2581, 24.8874,
5.8684

■ 34.3572, 34.2781,
55.5512

■ 21.7739, 24.2781,
4.5999

■ 36.4444, 35.6082,
65.0152

■ 21.3842, 23.7135,
3.8077

■ 38.7133, 37.0184,
75.4135

■ 21.1111, 23.2766,
3.3801

■ 41.1687, 38.5107,
86.7709

■ 43.8151, 40.0869,
99.1112

Harmonies

Analogous

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



28.5694, 28.7548, 21.5013



26.4662, 28.7548, 21.2948



24.6870, 28.7548, 23.5083

Triad

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



26.4662, 28.7548, 21.2948



24.4504, 28.7548, 39.8091



31.3766, 28.7548, 34.9364

Complementary

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



26.4662, 28.7548, 21.2948



20.0164, 20.0043, 32.0844

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.



30.1565, 28.7548, 40.6688



26.4662, 28.7548, 21.2948



26.1281, 28.7548, 43.7208

Square

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



26.4662, 28.7548, 21.2948



23.5639, 28.7548, 33.8784



28.2136, 28.7548, 44.0543



31.4787, 28.7548, 28.8731

Rectangle

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



26.4662, 28.7548, 21.2948



23.8948, 28.7548, 26.2467



28.2136, 28.7548, 44.0543



31.0809, 28.7548, 36.9839

Sweetspot

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



26.4670, 28.7561, 21.2954



50.8071, 54.0747, 52.3444



22.7788, 20.9515, 21.3864



11.5180, 12.2687, 11.7707



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.



26.4670, 28.7561, 21.2954



46.4400, 50.7362, 34.2545



24.9675, 28.9217, 21.4064



6.6451, 7.0952, 6.6251



17.9735, 19.8295, 2.8802



0.2844, 0.3278, 0.0483

Inverse Universe

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



20.0164, 20.0043, 32.0844



32.8777, 32.3367, 56.9424



21.2859, 19.9453, 32.0061



5.9418, 6.1409, 7.8011



4.9523, 2.3012, 25.0909



0.0878, 0.0619, 0.3797

Previews

White Background



This preview shows how the XYZ color 26.4662, 28.7548, 21.2948 looks on a white background.

Color Contrast Check

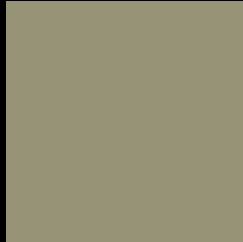
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4662, 28.7548, 21.2948 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

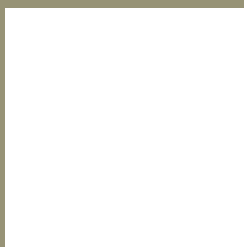
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.4662, 28.7548, 21.2948

Background



This preview shows how black text looks on a background with the XYZ color 26.4662, 28.7548, 21.2948.



This preview shows how white text looks on a background with the XYZ color 26.4662, 28.7548,

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

26.4662, 28.7548, 21.2948

Protanopia

27.0073, 28.8107, 20.9672

Deuteranopia

29.0700, 28.5231, 21.4261



Tritanopia

29.1331, 28.7138, 34.1438

Trichromacy



Original Color

26.4662, 28.7548, 21.2948

Protanomaly

26.8162, 28.7121, 20.9583

Deuteranomaly

28.0525, 28.6582, 21.5058

Tritanomaly

28.0333, 28.7100, 28.8750

Monochromacy



Original Color

26.4662, 28.7548, 21.2948

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.6847, 28.5101, 27.0182

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4662, 28.7548, 21.2948 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, 147, 118)` looks like.

```
.text, #text, p{  
    color:rgb(151, 147, 118)  
}
```

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, 147, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 147, 118) }
```

Border

The CSS property to change the border of an element to XYZ 26.4662, 28.7548, 21.2948 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, 147, 118) }
```


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

```
.border{ border-color:rgb(151, 147, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 147, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 147, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 147, 118);  
box-shadow:4px 4px 4px 4px rgb(151, 147,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4662, 28.7548, 21.2948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 147, 118) }
```

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

```
.background{ background-color: rgb(151,  
147, 118) }
```

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