

Converting Colors

XYZ(26.8172, 29.1118, 22.4791)

Have a look what the booklet for
XYZ(26.8172, 29.1118, 22.4791)
contains.

XYZ(26.8653, 29.1643, 22.6257)	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(26.8653, 29.1643,
22.6257)**

Conversions

Conversions Part 1

Format	Color
Hex	97947A
RGB	151, 148, 122
RGB Percent	59%, 58%, 48%
CMY	0.4078, 0.4196, 0.5216
CMYK	0.00, 0.02, 0.19, 0.41
HSL	54°, 12%, 54%
HSV	54°, 19%, 59%
XYZ	26.8653, 29.1643, 22.6257
YIQ	145.9330, 10.1340, -7.4500

Conversions

Conversions Part 2

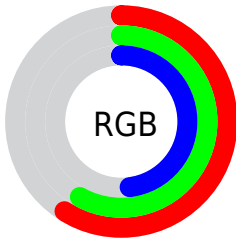
Format	Color
R_{YB}	125, 151, 122
Decimal	9933946
CIE _{Lab}	60.93, -3.44, 14.17
CIE _{LCh}	61, 14.582, 103.656
Yxy	29.1643, 0.3416, 0.3708
Android (android.graphics.Color)	4288124026 (0xFF97947A)
YUV	145.9330, -11.7990, 4.4438
Hunter-Lab	54.0040, -5.7088, 12.9624

Details

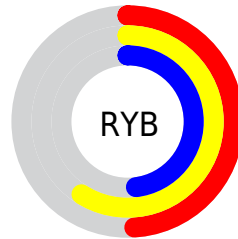
The XYZ color **26.8653, 29.1643, 22.6257** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **20.9455, 21.0388, 32.2353**, and the grayscale version is **27.3387, 28.7625, 31.3223**.

A 20% lighter version of the original color is **53.9373, 58.2762, 48.4500**, and **10.7328, 11.7398, 8.0036** is the 20% darker color. If you saturate the color by 10%, you get **25.7587, 28.3336, 17.9940**, and if you desaturate by 10%, it is **28.1222, 30.0623, 28.0255**.

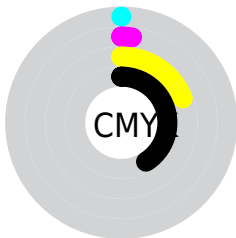
Distribution



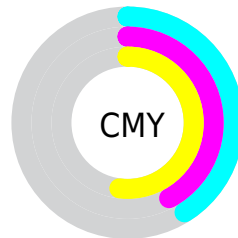
- Red (59%)
- Green (58%)
- Blue (48%)



- Red (49%)
- Yellow (59%)
- Blue (48%)



- Cyan (0%)
- Magenta (2%)
- Yellow (19%)
- Black (41%)



- Cyan (41%)
- Magenta (42%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8653, 29.1643, 22.6257 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 26.8653, 29.1643, 22.6257 by changing the saturation by 10% instead.

■ 26.8653, 29.1643,
22.6257

■ 26.8653, 29.1643,
22.6257

279.1838,
297.9894, 278.8560

■ 17.6081, 19.2051,
14.1147

■ 54.0891, 58.3380,
48.6934

■ 10.7670, 11.8186,
8.0608

■ 72.7864, 78.3214,
67.0871

■ 5.9765, 6.6203,
4.0456

■ 95.3611, 102.4149,
89.6121

■ 2.8713, 3.2258,
1.6504

122.1787,
131.0031, 116.6870

■ 1.0861, 1.2507,
0.3264

153.6043,
164.4702, 148.7303

■ 0.0134, 0.1026,
0.0000

190.0035,

■ 0.0000, 0.0000,

203.2007, 186.1606

0.0000

231.7415,
247.5790, 229.3963

■ 26.8653, 29.1643,
22.6257

■ 26.8653, 29.1643,
22.6257

■ 25.7587, 28.3336,
17.9940

■ 28.1222, 30.0623,
28.0255

■ 24.7933, 27.5637,
14.0933

■ 29.5333, 31.0263,
34.2245

■ 23.9626, 26.8530,
10.8862

■ 31.1053, 32.0600,
41.2543

■ 23.2589, 26.1982,
8.3311

■ 32.8438, 33.1657,
49.1444

■ 22.6733, 25.5959,
6.3823

■ 34.7541, 34.3454,
57.9228

■ 22.1961, 25.0421,
4.9880

■ 36.8413, 35.6013,
67.6160

■ 21.8157, 24.5322,
4.0875

■ 39.1103, 36.9352,
78.2498

■ 21.5061, 24.0557,
3.5442

■ 41.5657, 38.3492,
89.8486

■ 21.4821, 24.0183,
3.5038

■ 43.7412, 39.6566,
99.9568

Harmonies

Analogous

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



28.7618, 29.1643, 22.7273



26.8653, 29.1643, 22.6257



25.2710, 29.1643, 24.7638

Triad

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



26.8653, 29.1643, 22.6257



25.1571, 29.1643, 39.5481



31.3794, 29.1643, 34.7946

Complementary

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



26.8653, 29.1643, 22.6257



20.9455, 21.0388, 32.2353

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.



30.3219, 29.1643, 39.9517



26.8653, 29.1643, 22.6257



26.7033, 29.1643, 42.9034

Square

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



26.8653, 29.1643, 22.6257



24.3157, 29.1643, 34.2925



28.5922, 29.1643, 43.0590



31.4277, 29.1643, 29.3458

Rectangle

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



26.8653, 29.1643, 22.6257



24.5699, 29.1643, 27.3301



28.5922, 29.1643, 43.0590



31.1281, 29.1643, 36.6334

Sweetspot

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



26.8661, 29.1656, 22.6263



51.1125, 54.3570, 53.4588



23.4486, 21.9893, 22.5396



11.5845, 12.3321, 12.0073



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.



26.8661, 29.1656, 22.6263



47.2376, 51.5837, 36.8259



25.3754, 29.1040, 22.6930



6.6544, 7.1138, 6.6282



18.2873, 20.4569, 2.9847



0.2870, 0.3331, 0.0492

Inverse Universe

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



20.9455, 21.0388, 32.2353



34.6657, 34.3276, 57.2325



22.2371, 21.1499, 32.1887



5.9333, 6.1240, 7.7983



4.9158, 2.2283, 25.0787



0.0853, 0.0570, 0.3789

Previews

White Background



This preview shows how the XYZ color 26.8653, 29.1643, 22.6257 looks on a white background.

Color Contrast Check

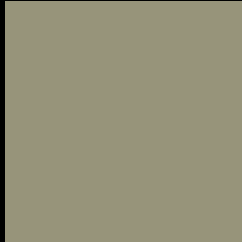
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8653, 29.1643, 22.6257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

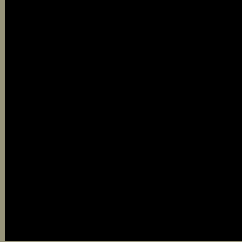
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.8653, 29.1643, 22.6257

Background



This preview shows how black text looks on a background with the XYZ color 26.8653, 29.1643, 22.6257.



This preview shows how white text looks on a background with the XYZ color 26.8653, 29.1643,

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

26.8653, 29.1643, 22.6257

Protanopia

27.4025, 29.2165, 22.2842

Deuteranopia

29.4622, 28.9148, 22.7672



Tritanopia

29.2564, 28.9800, 35.0621

Trichromacy



Original Color

26.8653, 29.1643, 22.6257

Protanomaly

27.2113, 29.1179, 22.2753

Deuteranomaly

28.4487, 29.0580, 22.8482

Tritanomaly

28.4098, 29.1040, 30.1069

Monochromacy



Original Color

26.8653, 29.1643, 22.6257

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.1618, 28.9695, 27.8270

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8653, 29.1643, 22.6257 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, 148, 122)` looks like.

```
.text, #text, p{  
    color:rgb(151, 148, 122)  
}
```

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, 148, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 148, 122) }
```

Border

The CSS property to change the border of an element to XYZ 26.8653, 29.1643, 22.6257 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, 148, 122) }
```


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

```
.border{ border-color:rgb(151, 148, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 148, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 148, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 148, 122);  
box-shadow:4px 4px 4px 4px rgb(151, 148,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8653, 29.1643, 22.6257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 148, 122) }
```

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

```
.background{ background-color: rgb(151,  
148, 122) }
```

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