

Converting Colors

XYZ(27.1171, 23.9731, 26.8661)

Have a look what the booklet for
XYZ(27.1171, 23.9731, 26.8661)
contains.

XYZ(27.1154, 23.9714, 26.8647)	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(27.1154, 23.9714,
26.8647)**

Conversions

Conversions Part 1

Format	Color
Hex	A57B89
RGB	165, 123, 137
RGB Percent	65%, 48%, 54%
CMY	0.3529, 0.5176, 0.4627
CMYK	0.00, 0.25, 0.17, 0.35
HSL	340°, 19%, 56%
HSV	340°, 25%, 65%
XYZ	27.1154, 23.9714, 26.8647
YIQ	137.1540, 20.5380, 13.2580

Conversions

Conversions Part 2

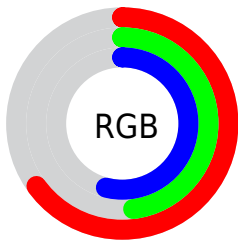
Format	Color
RYB	165, 123, 137
Decimal	10845065
CIELab	56.06, 18.55, -1.20
CIELCh	56, 18.591, 356.298
Yxy	23.9714, 0.3478, 0.3075
Android (android.graphics.Color)	4289035145 (0xFFA57B89)
YUV	137.1540, -0.0759, 24.4209
Hunter-Lab	48.9606, 13.1760, 1.7400

Details

The XYZ color **27.1154, 23.9714, 26.8647** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.2105, 33.3563, 34.2841**, and the grayscale version is **23.8315, 25.0726, 27.3040**.

A 20% lighter version of the original color is **54.6384, 50.1405, 55.5135**, and **10.8512, 9.0304, 10.1880** is the 20% darker color. If you saturate the color by 10%, you get **24.4892, 19.9180, 22.2925**, and if you desaturate by 10%, it is **30.1684, 28.7491, 31.9768**.

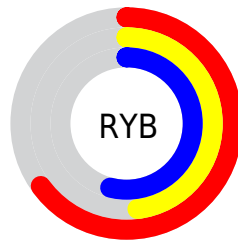
Distribution



Red (65%)

Green (48%)

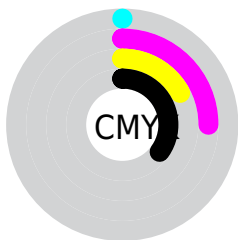
Blue (54%)



Red (65%)

Yellow (48%)

Blue (54%)

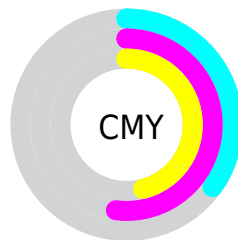


Cyan (0%)

Magenta (25%)

Yellow (17%)

Black (35%)



Cyan (35%)


Magenta (52%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.1154, 23.9714, 26.8647 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 27.1154, 23.9714, 26.8647 by changing the saturation by 10% instead.


 27.1154, 23.9714,
26.8647


 27.1154, 23.9714,
26.8647


280.3728,
272.6759, 300.7408


 17.7969, 15.3124,
17.2401


 54.4876, 49.9835,
55.6678

 10.9031, 9.0389,
10.2421


 73.2720, 68.1054,
75.6833

 6.0685, 4.7666,
5.4520


 95.9425, 90.1505,
99.9996

 2.9279, 2.1110,
2.4515

122.8643,
116.5030, 129.0352

 1.1157, 0.6708,
0.8143

154.4029,
147.5474, 163.2085

 0.0382, 0.0000,
0.0000

190.9236,

 0.0000, 0.0000,

183.6681, 202.9382

0.0000

232.7918,
225.2494, 248.6428

■ 27.1154, 23.9714,
26.8647

■ 27.1154, 23.9714,
26.8647

■ 24.4892, 19.9180,
22.2925

■ 30.1684, 28.7491,
31.9768

■ 22.2682, 16.5502,
18.2402

■ 33.6646, 34.2810,
37.6446

■ 20.4316, 13.8304,
14.6889

■ 37.6219, 40.5992,
43.8855

■ 18.9562, 11.7163,
11.6177

■ 42.0567, 47.7328,
50.7151

■ 17.8159, 10.1603,
9.0041

■ 46.9844, 55.7098,
58.1489

■ 16.9811, 9.1077,
6.8234

■ 52.4199, 64.5564,
66.2015

■ 16.4141, 8.4885,
5.0475

■ 58.3773, 74.2981,
74.8872

■ 16.2066, 8.2752,
4.3565

■ 64.8689, 84.9561,
84.2190

■ 66.4188, 85.5761,
92.3807

Harmonies

Analogous

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



26.3599, 23.9714, 33.1569



27.1154, 23.9714, 26.8647



26.6521, 23.9714, 21.2464

Triad

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



27.1154, 23.9714, 26.8647



21.0192, 23.9714, 16.9428



20.5886, 23.9714, 37.1121

Complementary

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



27.1154, 23.9714, 26.8647



27.2105, 33.3563, 34.2841

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.



19.3097, 23.9714, 31.6434



27.1154, 23.9714, 26.8647



19.5472, 23.9714, 20.1243

Square

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



27.1154, 23.9714, 26.8647



23.0493, 23.9714, 16.0675



18.9405, 23.9714, 25.3515



22.5209, 23.9714, 39.6259

Rectangle

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



27.1154, 23.9714, 26.8647



25.7292, 23.9714, 18.5136



18.9405, 23.9714, 25.3515



20.0728, 23.9714, 35.5206

Sweetspot

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



27.1161, 23.9725, 26.8652



58.5235, 58.5889, 64.5838



26.6379, 23.4630, 38.7225



12.5923, 12.4884, 13.7931



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



27.1161, 23.9725, 26.8652



45.5972, 38.3423, 42.9924



27.0757, 25.3958, 22.2150



7.1666, 7.1231, 7.8638



12.2815, 6.2687, 3.4071



0.2793, 0.1402, 0.1832

Inverse Universe

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



27.1161, 23.9725, 26.8652



45.5972, 38.3423, 42.9924



27.1876, 31.3821, 40.2221



7.1666, 7.1231, 7.8638



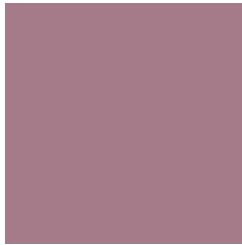
12.2815, 6.2687, 3.4071



0.2793, 0.1402, 0.1832

Previews

White Background



This preview shows how the XYZ color 27.1154, 23.9714, 26.8647 looks on a white background.

Color Contrast Check

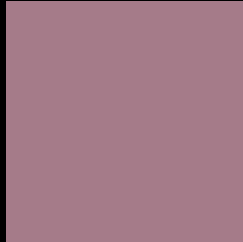
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.1154, 23.9714, 26.8647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

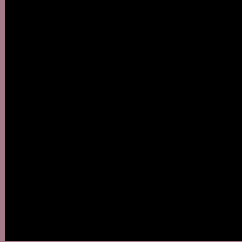
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.1154, 23.9714, 26.8647

Background



This preview shows how black text looks on a background with the XYZ color 27.1154, 23.9714, 26.8647.



This preview shows how white text looks on a background with the XYZ color 27.1154, 23.9714,

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

27.1154, 23.9714, 26.8647

Protanopia

23.3145, 24.1017, 29.4099

Deuteranopia

24.4592, 23.9459, 26.6254



Tritanopia

26.9583, 24.1081, 25.4228

Trichromacy



Original Color

27.1154, 23.9714, 26.8647

Protanomaly

24.4674, 23.9081, 28.5245

Deuteranomaly

25.3597, 23.8263, 26.5549

Tritanomaly

27.0278, 24.1359, 25.7884

Monochromacy



Original Color

27.1154, 23.9714, 26.8647

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.7992, 24.5117, 27.0911

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1154, 23.9714, 26.8647 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(165, 123, 137)` looks like.

```
.text, #text, p{  
    color:rgb(165, 123, 137)  
}
```

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(165, 123, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 123, 137) }
```

Border

The CSS property to change the border of an element to XYZ 27.1154, 23.9714, 26.8647 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(165, 123, 137) }
```


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

```
.border{ border-color:rgb(165, 123, 137) }
```

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

Here you see how a box with a 4 pixel rgb(165, 123, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 123, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 123, 137);  
box-shadow:4px 4px 4px 4px rgb(165, 123,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1154, 23.9714, 26.8647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 123, 137) }
```

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

```
.background{ background-color: rgb(165,  
123, 137) }
```

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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