

Converting Colors

XYZ(27.6239, 25.7800, 31.8348)

Have a look what the booklet for
XYZ(27.6239, 25.7800, 31.8348)
contains.

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Color

**XYZ(27.7766, 25.9416,
31.9770)**

Conversions

Conversions Part 1

Format	Color
Hex	9E8495
RGB	158, 132, 149
RGB Percent	62%, 52%, 58%
CMY	0.3804, 0.4823, 0.4157
CMYK	0.00, 0.16, 0.06, 0.38
HSL	321°, 12%, 57%
HSV	321°, 16%, 62%
XYZ	27.7766, 25.9416, 31.9770
YIQ	141.7120, 10.0390, 10.7990

Conversions

Conversions Part 2

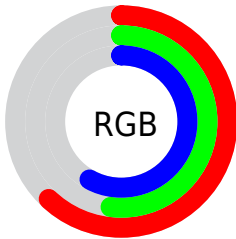
Format	Color
R_{YB}	158, 132, 149
Decimal	10388629
CIE _{Lab}	57.98, 12.92, -5.39
CIE _{LCh}	58, 13.997, 337.371
Yxy	25.9416, 0.3241, 0.3027
Android (android.graphics.Color)	4288578709 (0xFF9E8495)
YUV	141.7120, 3.5930, 14.2846
Hunter-Lab	50.9329, 8.2136, -1.5708

Details

The XYZ color **27.7766, 25.9416, 31.9770** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.5513, 31.2830, 29.8396**, and the grayscale version is **25.5815, 26.9138, 29.3091**.

A 20% lighter version of the original color is **55.5690, 53.1559, 63.8312**, and **11.1658, 9.9806, 12.8932** is the 20% darker color. If you saturate the color by 10%, you get **25.3679, 21.8063, 29.0700**, and if you desaturate by 10%, it is **30.5319, 30.7364, 35.1013**.

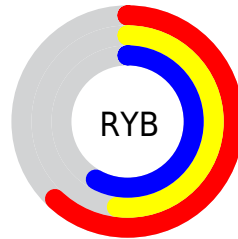
Distribution



Red (62%)

Green (52%)

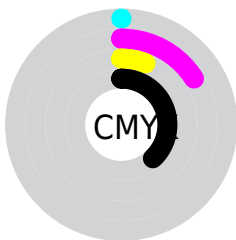
Blue (58%)



Red (62%)

Yellow (52%)

Blue (58%)

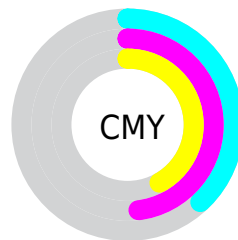


Cyan (0%)

Magenta (16%)

Yellow (6%)

Black (38%)



Cyan (38%)

Magenta (48%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.7766, 25.9416, 31.9770 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 27.7766, 25.9416, 31.9770 by changing the saturation by 10% instead.

■ 27.7766, 25.9416,
31.9770

■ 27.7766, 25.9416,
31.9770

283.4974,
282.4953, 325.5040

■ 18.2969, 16.7800,
21.0793

■ 55.5387, 53.1807,
63.8725

■ 11.2643, 10.0777,
12.9901

■ 74.5519, 72.0270,
85.7074

■ 6.3135, 5.4505,
7.2911

■ 97.4735, 94.8702,
112.0250

■ 3.0791, 2.5139,
3.5636

124.6691,
122.0949, 143.2440

■ 1.1957, 0.8836,
1.3891

156.5039,
154.0853, 179.7828

■ 0.1030, 0.0000,
0.1332

193.3433,

■ 0.0000, 0.0000,

191.2259, 222.0601

0.0000

235.5527,
233.9011, 270.4943

■ 27.7766, 25.9416,
31.9770

■ 27.7766, 25.9416,
31.9770

■ 25.3679, 21.8063,
29.0700

■ 30.5319, 30.7364,
35.1013

■ 23.2886, 18.2979,
26.3724

■ 33.6453, 36.2146,
38.4472

■ 21.5235, 15.3861,
23.8780

■ 37.1308, 42.4032,
42.0210

■ 20.0554, 13.0368,
21.5796

■ 41.0008, 49.3267,
45.8282

■ 18.8652, 11.2122,
19.4693

■ 45.2671, 57.0083,
49.8739

■ 17.9316, 9.8702,
17.5386

■ 49.9411, 65.4703,
54.1631

■ 17.2297, 8.9618,
15.7777

■ 55.0337, 74.7341,
58.7009

■ 16.7238, 8.4157,
14.1730

■ 59.4594, 82.6287,
63.1264

■ 16.5641, 8.2545,
13.6320

■ 60.0801, 82.8769,
66.3950

Harmonies

Analogous

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



26.6804, 25.9416, 36.2990



27.7766, 25.9416, 31.9770



28.0189, 25.9416, 27.0698

Triad

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



27.7766, 25.9416, 31.9770



24.2425, 25.9416, 19.9914



22.1654, 25.9416, 34.2742

Complementary

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



27.7766, 25.9416, 31.9770



26.5513, 31.2830, 29.8396

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.



21.5749, 25.9416, 29.4557



27.7766, 25.9416, 31.9770



22.7381, 25.9416, 21.4819

Square

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



27.7766, 25.9416, 31.9770



25.9272, 25.9416, 20.5032



21.7797, 25.9416, 24.8171



23.4284, 25.9416, 37.7274

Rectangle

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



27.7766, 25.9416, 31.9770



27.6539, 25.9416, 24.1831



21.7797, 25.9416, 24.8171



21.8843, 25.9416, 32.7402

Sweetspot

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



27.7774, 25.9427, 31.9776



56.1732, 57.0916, 64.5433



25.3518, 24.6061, 35.7612



12.5837, 12.7302, 14.4629



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



27.7774, 25.9427, 31.9776



48.6471, 44.0144, 55.9456



26.8204, 25.5600, 26.9382



6.8065, 6.7155, 7.8322



13.2851, 6.6186, 11.0180



0.2567, 0.1260, 0.2980

Inverse Universe

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



27.7774, 25.9427, 31.9776



48.6471, 44.0144, 55.9456



27.5484, 31.6818, 35.0902



6.8065, 6.7155, 7.8322



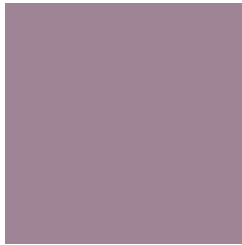
13.2851, 6.6186, 11.0180



0.2567, 0.1260, 0.2980

Previews

White Background



This preview shows how the XYZ color 27.7766, 25.9416, 31.9770 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 27.7766, 25.9416, 31.9770 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 27.7766, 25.9416, 31.9770

Background



This preview shows how black text looks on a background with the XYZ color 27.7766, 25.9416, 31.9770.



This preview shows how white text looks on a background with the XYZ color 27.7766, 25.9416,

31.9770.

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

27.7766, 25.9416, 31.9770

Protanopia

25.4636, 26.1684, 33.8459

Deuteranopia

26.4037, 25.8556, 31.6160



Tritanopia

27.2501, 25.9263, 29.5546

Trichromacy



Original Color

27.7766, 25.9416, 31.9770

Protanomaly

26.1487, 25.8951, 33.3258

Deuteranomaly

26.8193, 25.8637, 31.5956

Tritanomaly

27.4030, 25.9875, 30.3599

Monochromacy



Original Color

27.7766, 25.9416, 31.9770

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.4121, 26.5172, 30.5143

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.7766, 25.9416, 31.9770 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(158, 132, 149)` looks like.

```
.text, #text, p{  
    color:rgb(158, 132, 149)  
}
```

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(158, 132, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 132, 149) }
```

Border

The CSS property to change the border of an element to XYZ 27.7766, 25.9416, 31.9770 is called "border". The border property can be set on classes, ids or directly on the HTML element.

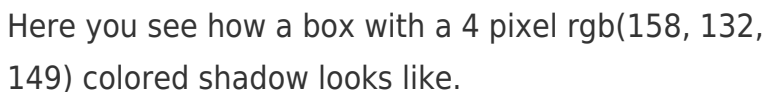
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(158, 132, 149) }
```


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

```
.border{ border-color:rgb(158, 132, 149) }
```

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



Here you see how a box with a 4 pixel `rgb(158, 132, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 132, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 132, 149);  
box-shadow:4px 4px 4px 4px rgb(158, 132,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 27.7766, 25.9416, 31.9770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 132, 149) }
```

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

```
.background{ background-color: rgb(158,  
132, 149) }
```

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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