

Converting Colors

XYZ(27.7701, 24.7790, 35.4219)

Have a look what the booklet for
XYZ(27.7701, 24.7790, 35.4219)
contains.

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Color

**XYZ(27.7757, 24.8822,
35.2371)**

Conversions

Conversions Part 1

Format	Color
Hex	9E7F9D
RGB	158, 127, 157
RGB Percent	62%, 50%, 62%
CMY	0.3804, 0.5019, 0.3843
CMYK	0.00, 0.20, 0.01, 0.38
HSL	302°, 14%, 56%
HSV	302°, 20%, 62%
XYZ	27.7757, 24.8822, 35.2371
YIQ	139.6890, 8.8460, 15.9020

Conversions

Conversions Part 2

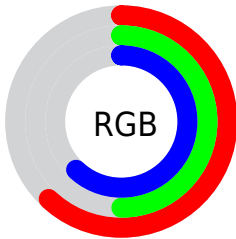
Format	Color
R_{YB}	158, 127, 157
Decimal	10387357
CIE _{Lab}	56.96, 17.32, -11.52
CIE _{LCh}	57, 20.798, 326.370
Yxy	24.8822, 0.3160, 0.2831
Android (android.graphics.Color)	4288577437 (0xFF9E7F9D)
YUV	139.6890, 8.5343, 16.0587
Hunter-Lab	49.8821, 12.1001, -6.9655

Details

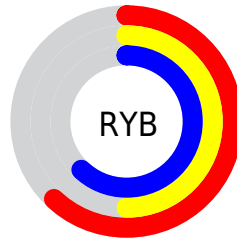
The XYZ color **27.7757, 24.8822, 35.2371** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **24.8765, 30.5249, 25.0042**, and the grayscale version is **24.7729, 26.0630, 28.3826**.

A 20% lighter version of the original color is **55.6455, 51.5421, 69.3031**, and **11.2698, 9.5536, 14.8857** is the 20% darker color. If you saturate the color by 10%, you get **25.8498, 21.0996, 34.3812**, and if you desaturate by 10%, it is **30.0233, 29.3071, 36.2017**.

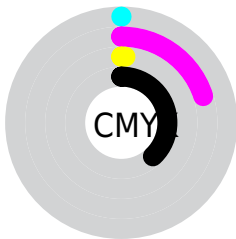
Distribution



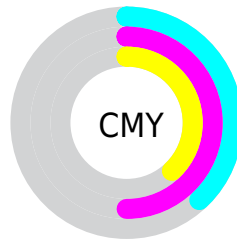
- Red (62%)
- Green (50%)
- Blue (62%)



- Red (62%)
- Yellow (50%)
- Blue (62%)



- Cyan (0%)
- Magenta (20%)
- Yellow (1%)
- Black (38%)



- Cyan (38%)
- Magenta (50%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.7757, 24.8822, 35.2371 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 27.7757, 24.8822, 35.2371 by changing the saturation by 10% instead.

■ 27.7757, 24.8822,
35.2371

■ 27.7757, 24.8822,
35.2371

283.4931,
277.2508, 340.5496

■ 18.2962, 15.9893,
23.5606

■ 55.5373, 51.4661,
69.0086

■ 11.2639, 9.5166,
14.7988

■ 74.5501, 69.9258,
91.9407

■ 6.3132, 5.0796,
8.5332

■ 97.4715, 92.3433,
119.4617

■ 3.0789, 2.2941,
4.3454

124.6667,
119.1029, 151.9902

■ 1.1956, 0.7706,
1.8167

156.5011,
150.5891, 189.9447

■ 0.1029, 0.0000,
0.4389

193.3400,

■ 0.0000, 0.0000,

187.1862, 233.7438

0.0000

235.5489,
229.2786, 283.8059

■ 27.7757, 24.8822,
35.2371

■ 27.7757, 24.8822,
35.2371

■ 25.8498, 21.0996,
34.3812

■ 30.0233, 29.3071,
36.2017

■ 24.2286, 17.9262,
33.6274

■ 32.6042, 34.3988,
37.2781

■ 22.8965, 15.3311,
32.9709

■ 35.5322, 40.1846,
38.4711

■ 21.8362, 13.2791,
32.4059

■ 38.8199, 46.6892,
39.7848

■ 21.0283, 11.7316,
31.9259

■ 42.4788, 53.9362,
41.2232

■ 20.4507, 10.6444,
31.5235

■ 46.5204, 61.9480,
42.7900

■ 20.0776, 9.9661,
31.1903

■ 50.9552, 70.7462,
44.4889

■ 19.8507, 9.5796,
30.9066

■ 55.7938, 80.3514,
46.3232

■ 19.8425, 9.5659,
30.8960

■ 56.3457, 81.3832,
46.7295

Harmonies

Analogous

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



25.7957, 24.8822, 41.0037



27.7757, 24.8822, 35.2371



28.6484, 24.8822, 27.9522

Triad

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



27.7757, 24.8822, 35.2371



23.9481, 24.8822, 15.7726



19.6900, 24.8822, 33.5102

Complementary

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



27.7757, 24.8822, 35.2371



24.8765, 30.5249, 25.0042

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.



19.2693, 24.8822, 26.2505



27.7757, 24.8822, 35.2371



21.6263, 24.8822, 16.7482

Square

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



27.7757, 24.8822, 35.2371



26.3448, 24.8822, 17.3732



19.9541, 24.8822, 20.3108



21.1452, 24.8822, 39.8923

Rectangle

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



27.7757, 24.8822, 35.2371



28.4434, 24.8822, 23.4789



19.9541, 24.8822, 20.3108



19.4275, 24.8822, 31.0590

Sweetspot

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



27.7765, 24.8833, 35.2376



56.0922, 56.3177, 66.4023



22.5916, 22.2005, 35.4425



12.5838, 12.5742, 14.9443



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.



27.7765, 24.8833, 35.2376



48.6733, 41.7126, 63.2125



26.5720, 24.4015, 28.8950



6.8949, 6.7509, 8.2977



15.8946, 7.6624, 24.7595



0.2868, 0.1380, 0.4563

Inverse Universe

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



27.7765, 24.8833, 35.2376



48.6733, 41.7126, 63.2125



25.9393, 30.9500, 30.6009



6.8949, 6.7509, 8.2977



15.8946, 7.6624, 24.7595



0.2868, 0.1380, 0.4563

Previews

White Background



This preview shows how the XYZ color 27.7757, 24.8822, 35.2371 looks on a white background.

Color Contrast Check

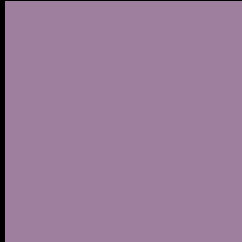
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.7757, 24.8822, 35.2371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

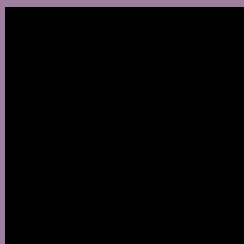
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.7757, 24.8822, 35.2371

Background



This preview shows how black text looks on a background with the XYZ color 27.7757, 24.8822, 35.2371.



This preview shows how white text looks on a background with the XYZ color 27.7757, 24.8822,

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

27.7757, 24.8822, 35.2371

Protanopia

24.7751, 25.0780, 38.1851

Deuteranopia

25.3728, 24.8381, 34.9094



Tritanopia

26.4266, 24.9266, 28.2294

Trichromacy



Original Color

27.7757, 24.8822, 35.2371

Protanomaly

25.8051, 25.0110, 37.1857

Deuteranomaly

26.1497, 24.8359, 34.8681

Tritanomaly

26.9432, 24.9439, 30.5887

Monochromacy



Original Color

27.7757, 24.8822, 35.2371

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.8849, 25.6063, 30.7724

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.7757, 24.8822, 35.2371 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, 127, 157)` looks like.

```
.text, #text, p{  
    color:rgb(158, 127, 157)  
}
```

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, 127, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 127, 157) }
```

Border

The CSS property to change the border of an element to XYZ 27.7757, 24.8822, 35.2371 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, 127, 157) }
```


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

```
.border{ border-color:rgb(158, 127, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 127, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 127, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 127, 157);  
box-shadow:4px 4px 4px 4px rgb(158, 127,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 27.7757, 24.8822, 35.2371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 127, 157) }
```

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

```
.background{ background-color: rgb(158,  
127, 157) }
```

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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