

Converting Colors

XYZ(27.8014, 24.7905, 35.5897)

Have a look what the booklet for
XYZ(27.8014, 24.7905, 35.5897)
contains.

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Color

**XYZ(27.7330, 24.6594,
35.6458)**

Conversions

Conversions Part 1

Format	Color
Hex	9E7E9E
RGB	158, 126, 158
RGB Percent	62%, 49%, 62%
CMY	0.3804, 0.5059, 0.3804
CMYK	0.00, 0.20, 0.00, 0.38
HSL	300°, 14%, 56%
HSV	300°, 20%, 62%
XYZ	27.7330, 24.6594, 35.6458
YIQ	139.2160, 8.8000, 16.7360

Conversions

Conversions Part 2

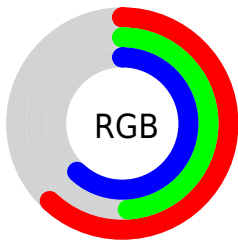
Format	Color
R _Y B	158, 126, 158
Decimal	10387102
CIE Lab	56.74, 18.09, -12.42
CIE LCh	57, 21.944, 325.517
Yxy	24.6594, 0.3150, 0.2801
Android (android.graphics.Color)	4288577182 (0xFF9E7E9E)
YUV	139.2160, 9.2605, 16.4736
Hunter-Lab	49.6582, 12.7863, -7.7989

Details

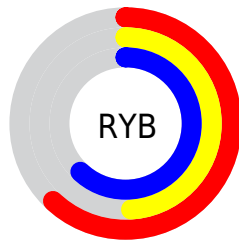
The XYZ color **27.7330, 24.6594, 35.6458** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **24.5979, 30.3966, 24.3107**, and the grayscale version is **24.5875, 25.8679, 28.1702**.

A 20% lighter version of the original color is **55.5709, 51.1904, 69.9026**, and **11.2516, 9.4335, 15.1377** is the 20% darker color. If you saturate the color by 10%, you get **25.8703, 20.9337, 35.0250**, and if you desaturate by 10%, it is **29.9163, 29.0255, 36.3740**.

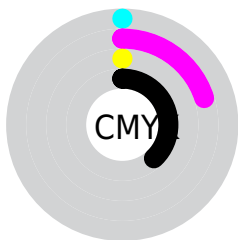
Distribution



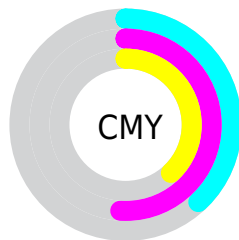
- Red (62%)
- Green (49%)
- Blue (62%)



- Red (62%)
- Yellow (49%)
- Blue (62%)



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



- Cyan (38%)
- Magenta (51%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.7330, 24.6594, 35.6458 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 27.7330, 24.6594, 35.6458 by changing the saturation by 10% instead.

■ 27.7330, 24.6594,
35.6458

■ 27.7330, 24.6594,
35.6458

283.2922,
276.1375, 342.4002

■ 18.2639, 15.8235,
23.8732

■ 55.4695, 51.1041,
69.6479

■ 11.2405, 9.3993,
15.0283

■ 74.4676, 69.4817,
92.7145

■ 6.2973, 5.0026,
8.6924

■ 97.3728, 91.8087,
120.3829

■ 3.0691, 2.2488,
4.4470

124.5504,
118.4694, 153.0716

■ 1.1904, 0.7464,
1.8736

156.3658,
149.8482, 191.1991

■ 0.0988, 0.0000,
0.4759

193.1843,

■ 0.0000, 0.0000,

186.3296, 235.1840

0.0000

235.3713,
228.2978, 285.4449

■ 27.7330, 24.6594,
35.6458

■ 27.7330, 24.6594,
35.6458

■ 25.8703, 20.9337,
35.0250

■ 29.9163, 29.0255,
36.3740

■ 24.3110, 17.8152,
34.5052

■ 32.4319, 34.0566,
37.2126

■ 23.0398, 15.2727,
34.0813

■ 35.2937, 39.7802,
38.1667

■ 22.0390, 13.2711,
33.7475

■ 38.5141, 46.2210,
39.2403

■ 21.2889, 11.7711,
33.4974

■ 42.1049, 53.4026,
40.4374

■ 20.7676, 10.7284,
33.3234

■ 46.0774, 61.3476,
41.7617

■ 20.4488, 10.0909,
33.2171

■ 50.4424, 70.0775,
43.2169

■ 20.2722, 9.7378,
33.1581

■ 55.2103, 79.6132,
44.8063

■ 56.0327, 81.2580,
45.0806

Harmonies

Analogous

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



25.6225, 24.6594, 41.6830



27.7330, 24.6594, 35.6458



28.6944, 24.6594, 27.9667

Triad

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



27.7330, 24.6594, 35.6458



23.8248, 24.6594, 15.1077



19.2715, 24.6594, 33.3903

Complementary

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



27.7330, 24.6594, 35.6458



24.5979, 30.3966, 24.3107

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.



18.8663, 24.6594, 25.7633



27.7330, 24.6594, 35.6458



21.3814, 24.6594, 16.0335

Square

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



27.7330, 24.6594, 35.6458



26.3360, 24.6594, 16.8275



19.6111, 24.6594, 19.6349



20.7608, 24.6594, 40.2234

Rectangle

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



27.7330, 24.6594, 35.6458



28.5067, 24.6594, 23.2532



19.6111, 24.6594, 19.6349



19.0088, 24.6594, 30.7995

Sweetspot

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



27.7337, 24.6605, 35.6463



56.1408, 56.3372, 66.6585



22.2377, 21.8271, 35.3894



12.5958, 12.5790, 15.0077



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.



27.7337, 24.6605, 35.6463



48.8672, 41.7901, 64.2335



26.4448, 24.1449, 28.8588



6.9042, 6.7546, 8.3465



16.2357, 7.7988, 26.5557



0.2903, 0.1394, 0.4748

Inverse Universe

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



27.7337, 24.6605, 35.6463



48.8672, 41.7901, 64.2335



25.7145, 30.8432, 30.1902



6.9042, 6.7546, 8.3465



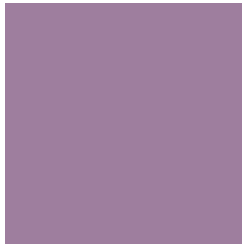
16.2357, 7.7988, 26.5557



0.2903, 0.1394, 0.4748

Previews

White Background



This preview shows how the XYZ color 27.7330, 24.6594, 35.6458 looks on a white background.

Color Contrast Check

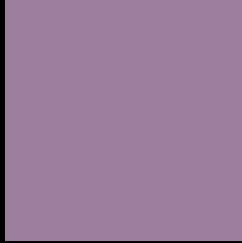
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.7330, 24.6594, 35.6458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

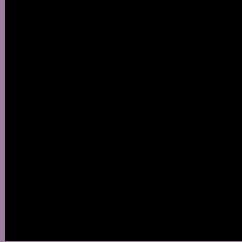
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.7330, 24.6594, 35.6458

Background



This preview shows how black text looks on a background with the XYZ color 27.7330, 24.6594, 35.6458.



This preview shows how white text looks on a background with the XYZ color 27.7330, 24.6594,

35.6458.

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

27.7330, 24.6594, 35.6458

Protanopia

24.5707, 24.7541, 38.6050

Deuteranopia

25.2885, 24.7848, 35.3494



Tritanopia

26.0280, 24.5332, 27.7896

Trichromacy



Original Color

27.7330, 24.6594, 35.6458

Protanomaly

25.5881, 24.6866, 37.5988

Deuteranomaly

26.1011, 24.6026, 35.2714

Tritanomaly

26.6178, 24.5816, 30.5359

Monochromacy



Original Color

27.7330, 24.6594, 35.6458

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

25.5675, 25.2365, 30.7177

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.7330, 24.6594, 35.6458 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, 126, 158)` looks like.

```
.text, #text, p{  
    color:rgb(158, 126, 158)  
}
```

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, 126, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 126, 158) }
```

Border

The CSS property to change the border of an element to XYZ 27.7330, 24.6594, 35.6458 is called "border". The border property can be set on classes, ids or directly on the HTML element.

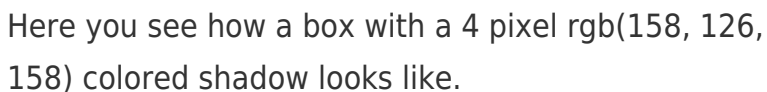
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(158, 126, 158) }
```


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

```
.border{ border-color:rgb(158, 126, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(158, 126, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 126, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 126, 158); box-shadow:4px 4px 4px 4px rgb(158, 126, 158) }
```

Background

The CSS property to change the background color of an element to XYZ 27.7330, 24.6594, 35.6458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 126, 158) }
```

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

```
.background{ background-color: rgb(158,  
126, 158) }
```

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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