

Converting Colors

XYZ(27.8982, 27.7381, 29.5455)

Have a look what the booklet for
XYZ(27.8982, 27.7381, 29.5455)
contains.

XYZ(27.9709, 27.7771, 29.4785)	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(27.9709, 27.7771,
29.4785)**

Conversions

Conversions Part 1

Format	Color
Hex	9C8C8E
RGB	156, 140, 142
RGB Percent	61%, 55%, 56%
CMY	0.3882, 0.4510, 0.4431
CMYK	0.00, 0.10, 0.09, 0.39
HSL	353°, 7%, 58%
HSV	353°, 10%, 61%
XYZ	27.9709, 27.7771, 29.4785
YIQ	145.0120, 8.8940, 4.0140

Conversions

Conversions Part 2

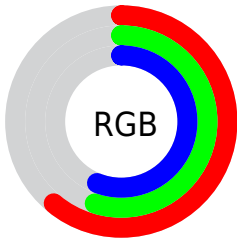
Format	Color
R _Y B	156, 140, 142
Decimal	10259598
CIE Lab	59.69, 6.34, 1.11
CIE LCh	60, 6.438, 9.939
Yxy	27.7771, 0.3282, 0.3259
Android (android.graphics.Color)	4288449678 (0xFF9C8C8E)
YUV	145.0120, -1.4849, 9.6365
Hunter-Lab	52.7040, 2.5010, 3.7306

Details

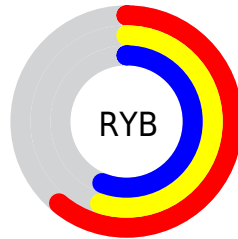
The XYZ color **27.9709, 27.7771, 29.4785** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.5375, 31.6862, 35.1854**, and the grayscale version is **26.9225, 28.3246, 30.8454**.

A 20% lighter version of the original color is **56.1196, 56.4180, 60.1565**, and **11.4136, 11.0883, 11.6639** is the 20% darker color. If you saturate the color by 10%, you get **24.8881, 23.1524, 23.6997**, and if you desaturate by 10%, it is **31.5040, 33.1008, 36.0275**.

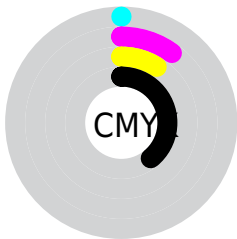
Distribution



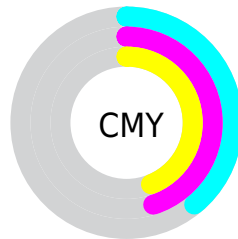
- Red (61%)
- Green (55%)
- Blue (56%)



- Red (61%)
- Yellow (55%)
- Blue (56%)



- Cyan (0%)
- Magenta (10%)
- Yellow (9%)
- Black (39%)



- Cyan (39%)
- Magenta (45%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.9709, 27.7771, 29.4785 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 27.9709, 27.7771, 29.4785 by changing the saturation by 10% instead.

■ 27.9709, 27.7771,
29.4785

■ 27.9709, 27.7771,
29.4785

284.4104,
291.4003, 313.5973

■ 18.4441, 18.1577,
19.1944

■ 55.8469, 56.1284,
59.8877

■ 11.3709, 11.0633,
11.6326

■ 74.9269, 75.6290,
80.8499

■ 6.3860, 6.1094,
6.3745

■ 97.9219, 99.1923,
106.2085

■ 3.1241, 2.9117,
3.0017

125.1973,
127.2024, 136.3821

■ 1.2197, 1.0858,
1.0955

157.1185,
160.0439, 171.7893

■ 0.1218, 0.0000,
0.0000

194.0509,

■ 0.0000, 0.0000,

198.1011, 212.8485

0.0000

236.3597,
241.7584, 259.9783

■ 27.9709, 27.7771,
29.4785

■ 27.9709, 27.7771,
29.4785

■ 24.8881, 23.1524,
23.6997

■ 31.5040, 33.1008,
36.0275

■ 22.2352, 19.1943,
18.6611

■ 35.5021, 39.1470,
43.3718

■ 19.9938, 15.8729,
14.3332

■ 39.9822, 45.9428,
51.5376

■ 18.1431, 13.1551,
10.6838

■ 44.9594, 53.5124,
60.5491

■ 16.6605, 11.0045,
7.6785

■ 50.4487, 61.8793,
70.4298

■ 15.5212, 9.3808,
5.2796

■ 56.4639, 71.0659,
81.2021

■ 14.6971, 8.2384,
3.4454

■ 63.0186, 81.0935,
92.8877

■ 14.1556, 7.5240,
2.1291

■ 66.9178, 85.5670,
104.4382

■ 13.8321, 7.1167,
1.2823

■ 67.5205, 85.8080,
107.6116

Harmonies

Analogous

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



27.8968, 27.7771, 31.8061



27.9709, 27.7771, 29.4785



27.6179, 27.7771, 27.4610

Triad

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



27.9709, 27.7771, 29.4785



25.4106, 27.7771, 26.9407



25.8688, 27.7771, 34.6470

Complementary

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



27.9709, 27.7771, 29.4785



28.5375, 31.6862, 35.1854

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.



25.2210, 27.7771, 33.2101



27.9709, 27.7771, 29.4785



24.9602, 27.7771, 28.7350

Square

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



27.9709, 27.7771, 29.4785



26.1324, 27.7771, 26.0463



24.8915, 27.7771, 31.0237



26.6720, 27.7771, 34.8712

Rectangle

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



27.9709, 27.7771, 29.4785



27.1920, 27.7771, 26.5335



24.8915, 27.7771, 31.0237



25.6261, 27.7771, 34.2864

Sweetspot

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



27.9717, 27.7783, 29.4791



55.3360, 57.2777, 61.9556



28.6808, 28.0147, 35.3486



12.0646, 12.4352, 13.4262



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



27.9717, 27.7783, 29.4791



49.6296, 48.6877, 51.3508



28.7031, 29.4791, 28.9896



6.6651, 6.6590, 7.0875



11.4009, 5.8649, 1.0961



0.2124, 0.1083, 0.0646

Inverse Universe

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



27.9717, 27.7783, 29.4791



49.6296, 48.6877, 51.3508



27.7446, 29.8320, 35.7487



6.6651, 6.6590, 7.0875



11.4009, 5.8649, 1.0961



0.2124, 0.1083, 0.0646

Previews

White Background



This preview shows how the XYZ color 27.9709, 27.7771, 29.4785 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 27.9709, 27.7771, 29.4785 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 27.9709, 27.7771, 29.4785

Background



This preview shows how black text looks on a background with the XYZ color 27.9709, 27.7771, 29.4785.



This preview shows how white text looks on a background with the XYZ color 27.9709, 27.7771,

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

27.9709, 27.7771, 29.4785

Protanopia

26.7106, 27.7695, 30.3378

Deuteranopia

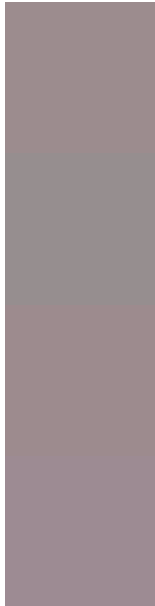
28.2157, 27.6873, 29.4482



Tritanopia

28.6423, 27.8353, 32.7173

Trichromacy



Original Color

27.9709, 27.7771, 29.4785

Protanomaly

27.2086, 27.8132, 29.9210

Deuteranomaly

28.0197, 27.5863, 29.4391

Tritanomaly

28.4037, 27.7399, 31.4611

Monochromacy



Original Color

27.9709, 27.7771, 29.4785

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.2509, 28.0481, 30.3631

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9709, 27.7771, 29.4785 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(156, 140, 142)` looks like.

```
.text, #text, p{  
    color:rgb(156, 140, 142)  
}
```

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(156, 140, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 140, 142) }
```

Border

The CSS property to change the border of an element to XYZ 27.9709, 27.7771, 29.4785 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(156, 140, 142) }
```


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

```
.border{ border-color:rgb(156, 140, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 140, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 140, 142); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 140, 142); box-shadow:4px 4px 4px 4px rgb(156, 140, 142) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9709, 27.7771, 29.4785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 140, 142) }
```

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

```
.background{ background-color: rgb(156,  
140, 142) }
```

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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