

Converting Colors

XYZ(27.2469, 28.0061, 24.4405)

Have a look what the booklet for
XYZ(27.2469, 28.0061, 24.4405)
contains.

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Color

**XYZ(27.2796, 27.9724,
24.3835)**

Conversions

Conversions Part 1

Format	Color
Hex	9C8E80
RGB	156, 142, 128
RGB Percent	61%, 56%, 50%
CMY	0.3882, 0.4431, 0.4980
CMYK	0.00, 0.09, 0.18, 0.39
HSL	30°, 12%, 56%
HSV	30°, 18%, 61%
XYZ	27.2796, 27.9724, 24.3835
YIQ	144.5900, 12.8380, -1.3860

Conversions

Conversions Part 2

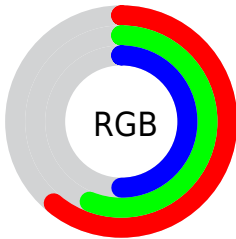
Format	Color
R_{YB}	156, 156, 128
Decimal	10260096
CIE Lab	59.86, 2.82, 9.35
CIE LCh	60, 9.761, 73.236
Yxy	27.9724, 0.3426, 0.3513
Android (android.graphics.Color)	4288450176 (0xFF9C8E80)
YUV	144.5900, -8.1789, 10.0066
Hunter-Lab	52.8889, -0.4871, 9.6877

Details

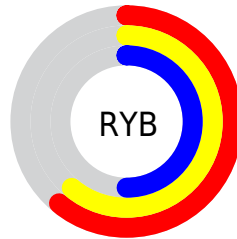
The XYZ color **27.2796, 27.9724, 24.3835** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.5758, 26.3350, 35.2407**, and the grayscale version is **26.7764, 28.1709, 30.6781**.

A 20% lighter version of the original color is **54.9444, 56.6649, 51.7576**, and **11.0641, 11.2221, 8.9801** is the 20% darker color. If you saturate the color by 10%, you get **25.2110, 25.3538, 19.0116**, and if you desaturate by 10%, it is **29.5889, 30.8191, 30.6152**.

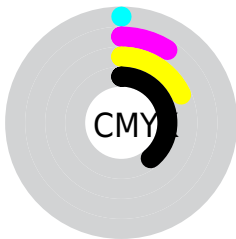
Distribution



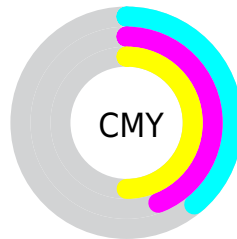
- Red (61%)
- Green (56%)
- Blue (50%)



- Red (61%)
- Yellow (61%)
- Blue (50%)



- Cyan (0%)
- Magenta (9%)
- Yellow (18%)
- Black (39%)



- Cyan (39%)
- Magenta (44%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2796, 27.9724, 24.3835 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 27.2796, 27.9724, 24.3835 by changing the saturation by 10% instead.

■ 27.2796, 27.9724,
24.3835

■ 27.2796, 27.9724,
24.3835

281.1513,
292.3350, 288.1024

■ 17.9210, 18.3049,
15.4035

■ 54.7489, 56.4404,
51.6069

■ 10.9926, 11.1691,
8.9533

■ 73.5904, 76.0096,
70.6875

■ 6.1291, 6.1807,
4.6143

■ 96.3235, 99.6482,
93.9720

■ 2.9652, 2.9553,
1.9681

123.3136,
127.7405, 121.8789

■ 1.1354, 1.1084,
0.5355

154.9261,
160.6709, 154.8269

■ 0.0544, 0.0000,
0.0000

191.5263,

■ 0.0000, 0.0000,

198.8239, 193.2345

0.0000

233.4796,
242.5838, 237.5201

■ 27.2796, 27.9724,
24.3835

■ 27.2796, 27.9724,
24.3835

■ 25.2110, 25.3538,
19.0116

■ 29.5889, 30.8191,
30.6152

■ 23.3718, 22.9533,
14.4593

■ 32.1448, 33.8959,
37.7409

■ 21.7535, 20.7657,
10.6858

■ 34.9560, 37.2098,
45.7951

■ 20.3458, 18.7841,
7.6461

■ 38.0301, 40.7663,
54.8098

■ 19.1376, 17.0011,
5.2906

■ 41.3743, 44.5704,
64.8158

■ 18.1164, 15.4087,
3.5632

■ 44.9953, 48.6274,
75.8421

■ 17.2681, 13.9980,
2.3990

■ 48.8999, 52.9421,
87.9168

■ 16.5686, 12.7563,
1.6809

■ 53.0945, 57.5192,
101.0669

■ 16.4360, 12.5191,
1.5501

■ 55.3514, 61.4700,
103.5553

Harmonies

Analogous

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



28.3596, 27.9724, 26.0209



27.2796, 27.9724, 24.3835



26.0455, 27.9724, 24.2899

Triad

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



27.2796, 27.9724, 24.3835



24.3359, 27.9724, 32.0453



28.2515, 27.9724, 35.7000

Complementary

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



27.2796, 27.9724, 24.3835



24.5758, 26.3350, 35.2407

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.



27.1358, 27.9724, 37.5889



27.2796, 27.9724, 24.3835



24.8897, 27.9724, 35.3710

Square

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



27.2796, 27.9724, 24.3835



24.3717, 27.9724, 28.5324



25.9061, 27.9724, 37.4640



28.9325, 27.9724, 32.4666

Rectangle

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



27.2796, 27.9724, 24.3835



25.3032, 27.9724, 25.1023



25.9061, 27.9724, 37.4640



27.9134, 27.9724, 36.5241

Sweetspot

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



27.2804, 27.9737, 24.3841



55.0176, 57.5247, 59.1249



26.3123, 24.4597, 28.9259



12.0415, 12.5795, 12.8308



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.



27.2804, 27.9737, 24.3841



47.8092, 48.6225, 39.7208



29.4954, 32.4037, 25.1224



6.8934, 7.1667, 7.0057



13.5728, 10.3812, 1.2884



0.2850, 0.2702, 0.0371

Inverse Universe

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



24.5758, 26.3350, 35.2407



41.8580, 45.0169, 63.6097



22.6224, 22.4282, 34.5896



6.5449, 6.9556, 8.4043



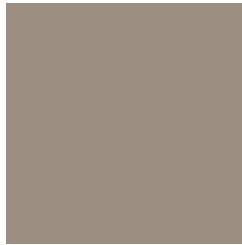
7.2206, 6.5328, 26.7876



0.1714, 0.2014, 0.4931

Previews

White Background



This preview shows how the XYZ color 27.2796, 27.9724, 24.3835 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 27.2796, 27.9724, 24.3835 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

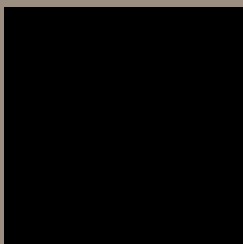
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.2796, 27.9724, 24.3835

Background



This preview shows how black text looks on a background with the XYZ color 27.2796, 27.9724, 24.3835.



This preview shows how white text looks on a background with the XYZ color 27.2796, 27.9724,

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

27.2796, 27.9724, 24.3835

Protanopia

26.5134, 28.0155, 24.7790

Deuteranopia

28.5049, 27.9427, 24.6600



Tritanopia

29.0357, 28.0382, 32.7357

Trichromacy



Original Color

27.2796, 27.9724, 24.3835

Protanomaly

26.7338, 27.9053, 24.7461

Deuteranomaly

28.0385, 27.9182, 24.6798

Tritanomaly

28.3611, 27.9783, 29.4967

Monochromacy



Original Color

27.2796, 27.9724, 24.3835

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.0279, 28.2002, 28.4447

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2796, 27.9724, 24.3835 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, 142, 128)` looks like.

```
.text, #text, p{  
    color:rgb(156, 142, 128)  
}
```

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, 142, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 142, 128) }
```

Border

The CSS property to change the border of an element to XYZ 27.2796, 27.9724, 24.3835 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, 142, 128) }
```


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

```
.border{ border-color:rgb(156, 142, 128) }
```

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

Here you see how a box with a 4 pixel rgb(156, 142, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 142, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 142, 128);  
box-shadow:4px 4px 4px 4px rgb(156, 142,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2796, 27.9724, 24.3835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 142, 128) }
```

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

```
.background{ background-color: rgb(156,  
142, 128) }
```

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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