

Converting Colors

XYZ(26.8833, 27.7236, 24.1845)

Have a look what the booklet for
XYZ(26.8833, 27.7236, 24.1845)
contains.

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Color

**XYZ(26.8957, 27.7745,
24.3655)**

Conversions

Conversions Part 1

Format	Color
Hex	9A8E80
RGB	154, 142, 128
RGB Percent	60%, 56%, 50%
CMY	0.3961, 0.4431, 0.4980
CMYK	0.00, 0.08, 0.17, 0.40
HSL	32°, 11%, 55%
HSV	32°, 17%, 60%
XYZ	26.8957, 27.7745, 24.3655
YIQ	143.9920, 11.6460, -1.8100

Conversions

Conversions Part 2

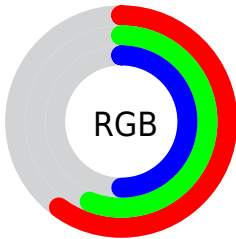
Format	Color
RYB	150, 154, 128
Decimal	10129024
CIELab	59.68, 2.03, 9.07
CIELCh	60, 9.293, 77.356
Yxy	27.7745, 0.3403, 0.3514
Android (android.graphics.Color)	4288319104 (0xFF9A8E80)
YUV	143.9920, -7.8841, 8.7770
Hunter-Lab	52.7015, -1.1319, 9.4795

Details

The XYZ color **26.8957, 27.7745, 24.3655** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.1128, 25.6779, 34.2576**, and the grayscale version is **26.5341, 27.9159, 30.4004**.

A 20% lighter version of the original color is **54.3749, 56.3714, 51.7310**, and **10.8319, 11.1024, 8.9692** is the 20% darker color. If you saturate the color by 10%, you get **24.9345, 25.3528, 19.0846**, and if you desaturate by 10%, it is **29.0797, 30.3951, 30.4804**.

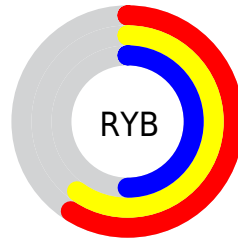
Distribution



Red (60%)

Green (56%)

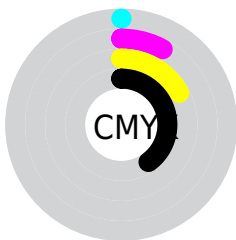
Blue (50%)



Red (59%)

Yellow (60%)

Blue (50%)

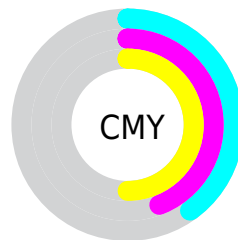


Cyan (0%)

Magenta (8%)

Yellow (17%)

Black (40%)



Cyan (40%)

Magenta (44%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8957, 27.7745, 24.3655 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 26.8957, 27.7745, 24.3655 by changing the saturation by 10% instead.

■ 26.8957, 27.7745,
24.3655

■ 26.8957, 27.7745,
24.3655

279.3285,
291.3878, 288.0090

■ 17.6311, 18.1557,
15.3903

■ 54.1375, 56.1242,
51.5773

■ 10.7835, 11.0619,
8.9441

■ 72.8454, 75.6240,
70.6509

■ 5.9877, 6.1085,
4.6084

■ 95.4319, 99.1862,
93.9277

■ 2.8782, 2.9111,
1.9647

122.2621,
127.1952, 121.8263

■ 1.0897, 1.0855,
0.5334

153.7015,
160.0355, 154.7652

■ 0.0165, 0.0000,
0.0000

190.1155,

■ 0.0000, 0.0000,

198.0915, 193.1629

0.0000

231.8694,
241.7474, 237.4380

■ 26.8957, 27.7745,
24.3655

■ 26.8957, 27.7745,
24.3655

■ 24.9345, 25.3528,
19.0846

■ 29.0797, 30.3951,
30.4804

■ 23.1856, 23.1210,
14.5992

■ 31.4920, 33.2158,
37.4620

■ 21.6412, 21.0747,
10.8702

■ 34.1405, 36.2427,
45.3435

■ 20.2918, 19.2082,
7.8545

■ 37.0323, 39.4804,
54.1557

■ 19.1271, 17.5151,
5.5047

■ 40.1739, 42.9335,
63.9280

■ 18.1357, 15.9886,
3.7675

■ 43.5717, 46.6060,
74.6886

■ 17.3045, 14.6210,
2.5813

■ 47.2319, 50.5024,
86.4643

■ 16.6136, 13.4022,
1.8491

■ 51.1602, 54.6264,
99.2810

■ 16.4153, 13.0475,
1.6532

■ 53.4377, 58.2123,
103.0274

Harmonies

Analogous

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



27.9567, 27.7745, 25.7339



26.8957, 27.7745, 24.3655



25.7316, 27.7745, 24.4848

Triad

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



26.8957, 27.7745, 24.3655



24.3036, 27.7745, 32.2103



28.0933, 27.7745, 34.8330

Complementary

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



26.8957, 27.7745, 24.3655



24.1128, 25.6779, 34.2576

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.



27.0775, 27.7745, 36.8370



26.8957, 27.7745, 24.3655



24.8999, 27.7745, 35.2474

Square

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



26.8957, 27.7745, 24.3655



24.2582, 27.7745, 28.8495



25.9081, 27.7745, 36.9940



28.6618, 27.7745, 31.6780

Rectangle

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



26.8957, 27.7745, 24.3655



25.0535, 27.7745, 25.3914



25.9081, 27.7745, 36.9940



27.7915, 27.7745, 35.6734

Sweetspot

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



26.8964, 27.7757, 24.3661



53.5755, 56.1010, 57.5131



25.7894, 24.2061, 28.1758



12.0638, 12.6242, 12.8383



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.



26.8964, 27.7757, 24.3661



47.5601, 48.8677, 40.7180



28.6142, 31.4553, 24.9858



6.4705, 6.7460, 6.5669



13.4099, 10.7022, 1.3590



0.2369, 0.2327, 0.0324

Inverse Universe

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



24.1128, 25.6779, 34.2576



41.5969, 44.3740, 61.9089



22.5853, 22.4285, 33.7109



6.1076, 6.4725, 7.8564



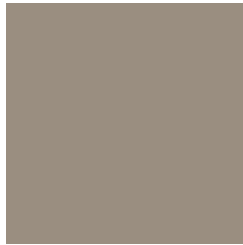
6.6261, 5.6488, 25.6488



0.1349, 0.1561, 0.3954

Previews

White Background



This preview shows how the XYZ color 26.8957, 27.7745, 24.3655 looks on a white background.

Color Contrast Check

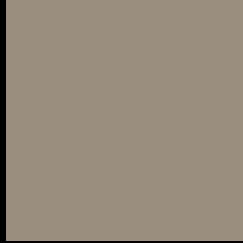
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8957, 27.7745, 24.3655 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

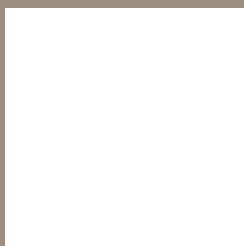
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.8957, 27.7745, 24.3655

Background



This preview shows how black text looks on a background with the XYZ color 26.8957, 27.7745, 24.3655.



This preview shows how white text looks on a background with the XYZ color 26.8957, 27.7745,

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

26.8957, 27.7745, 24.3655

Protanopia

26.3626, 27.7139, 24.7287

Deuteranopia

28.2993, 27.8367, 24.6504



Tritanopia

28.6423, 27.8353, 32.7173

Trichromacy



Original Color

26.8957, 27.7745, 24.3655

Protanomaly

26.5474, 27.8092, 24.7374

Deuteranomaly

27.8377, 27.8147, 24.6705

Tritanomaly

27.9709, 27.7771, 29.4785

Monochromacy



Original Color

26.8957, 27.7745, 24.3655

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.6226, 27.7758, 28.0029

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8957, 27.7745, 24.3655 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(154, 142, 128)` looks like.

```
.text, #text, p{  
    color:rgb(154, 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(154, 142, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 142, 128) }
```

Border

The CSS property to change the border of an element to XYZ 26.8957, 27.7745, 24.3655 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(154, 142, 128) }
```


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

```
.border{ border-color:rgb(154, 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(154, 142, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 142, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 142, 128);  
box-shadow:4px 4px 4px 4px rgb(154, 142,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8957, 27.7745, 24.3655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 142, 128) }
```

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

```
.background{ background-color: rgb(154,  
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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