

Converting Colors

XYZ(27.3529, 26.5875, 23.9843)

Have a look what the booklet for
XYZ(27.3529, 26.5875, 23.9843)
contains.

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Color

**XYZ(27.2582, 26.4635,
24.0934)**

Conversions

Conversions Part 1

Format	Color
Hex	A18780
RGB	161, 135, 128
RGB Percent	63%, 53%, 50%
CMY	0.3686, 0.4706, 0.4980
CMYK	0.00, 0.16, 0.20, 0.37
HSL	13°, 15%, 57%
HSV	13°, 20%, 63%
XYZ	27.2582, 26.4635, 24.0934
YIQ	141.9760, 17.7430, 3.3350

Conversions

Conversions Part 2

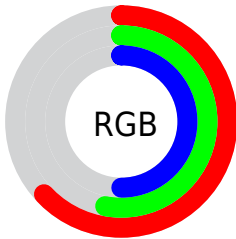
Format	Color
R_{YB}	161, 137, 128
Decimal	10585984
CIE _{Lab}	58.47, 8.72, 7.43
CIE _{LCh}	58, 11.458, 40.457
Yxy	26.4635, 0.3503, 0.3401
Android (android.graphics.Color)	4288776064 (0xFFA18780)
YUV	141.9760, -6.8902, 16.6840
Hunter-Lab	51.4427, 4.5580, 8.2412

Details

The XYZ color **27.2582, 26.4635, 24.0934** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.8905, 30.2729, 38.1444**, and the grayscale version is **25.7237, 27.0633, 29.4720**.

A 20% lighter version of the original color is **54.6426, 53.9016, 51.2401**, and **10.9665, 10.3127, 8.8097** is the 20% darker color. If you saturate the color by 10%, you get **24.6161, 22.7427, 18.3927**, and if you desaturate by 10%, it is **30.2808, 30.6757, 30.7511**.

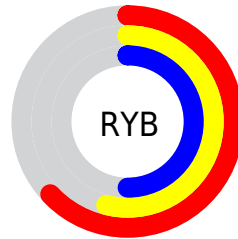
Distribution



Red (63%)

Green (53%)

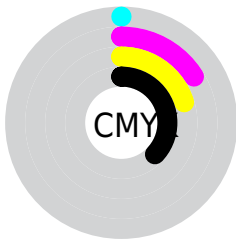
Blue (50%)



Red (63%)

Yellow (54%)

Blue (50%)

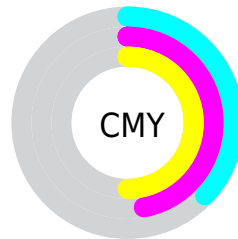


Cyan (0%)

Magenta (16%)

Yellow (20%)

Black (37%)



Cyan (37%)

Magenta (47%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2582, 26.4635, 24.0934 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 27.2582, 26.4635, 24.0934 by changing the saturation by 10% instead.

■ 27.2582, 26.4635,
24.0934

■ 27.2582, 26.4635,
24.0934

281.0499,
285.0500, 286.5941

■ 17.9048, 17.1707,
15.1901

■ 54.7149, 54.0217,
51.1283

■ 10.9810, 10.3563,
8.8048

■ 73.5489, 73.0560,
70.0970

■ 6.1212, 5.6358,
4.5190

■ 96.2739, 96.1062,
93.2579

■ 2.9603, 2.6249,
1.9142

123.2551,
123.5567, 121.0295

■ 1.1328, 0.9392,
0.5017

154.8579,
155.7919, 153.8304

■ 0.0523, 0.0000,
0.0000

191.4478,

■ 0.0000, 0.0000,

193.1963, 192.0791

0.0000

233.3900,
236.1542, 236.1941

■ 27.2582, 26.4635,
24.0934

■ 27.2582, 26.4635,
24.0934

■ 24.6161, 22.7427,
18.3927

■ 30.2808, 30.6757,
30.7511

■ 22.3371, 19.4917,
13.6033

■ 33.6960, 35.3926,
38.4056

■ 20.4054, 16.6927,
9.6781

■ 37.5183, 40.6316,
47.0960

■ 18.8035, 14.3254,
6.5652

■ 41.7607, 46.4081,
56.8593

■ 17.5120, 12.3679,
4.2069

■ 46.4355, 52.7369,
67.7302

■ 16.5097, 10.7962,
2.5379

■ 51.5546, 59.6322,
79.7423

■ 15.7720, 9.5837,
1.4818

■ 57.1294, 67.1076,
92.9275

■ 15.2748, 8.7307,
0.8801

■ 62.8794, 75.0599,
105.7817

■ 66.6717, 82.6443,
107.0457

Harmonies

Analogous

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



27.8954, 26.4635, 27.4368



27.2582, 26.4635, 24.0934



26.0645, 26.4635, 22.1394

Triad

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



27.2582, 26.4635, 24.0934



22.6991, 26.4635, 26.3103



25.6448, 26.4635, 37.0845

Complementary

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



27.2582, 26.4635, 24.0934



26.8905, 30.2729, 38.1444

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.



24.2626, 26.4635, 36.7116



27.2582, 26.4635, 24.0934



22.5961, 26.4635, 30.2371

Square

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



27.2582, 26.4635, 24.0934



23.4453, 26.4635, 23.3347



23.1586, 26.4635, 34.1147



26.9412, 26.4635, 35.0907

Rectangle

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



27.2582, 26.4635, 24.0934



25.1313, 26.4635, 21.7689



23.1586, 26.4635, 34.1147



25.1743, 26.4635, 37.2360

Sweetspot

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



27.2589, 26.4647, 24.0940



56.8230, 58.5272, 60.8578



28.2835, 25.3622, 34.1518



12.3829, 12.7264, 13.1697



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.



27.2589, 26.4647, 24.0940



46.3812, 43.9734, 37.8632



29.6772, 31.3013, 24.9001



7.1900, 7.3183, 7.4137



12.2248, 7.0235, 0.7113



0.2878, 0.2094, 0.0252

Inverse Universe

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



26.8905, 30.2729, 38.1444



45.5871, 52.1501, 68.0498



24.4096, 25.3110, 37.3174



7.1480, 7.7549, 9.0232



11.2123, 14.2041, 29.0805



0.2658, 0.3589, 0.6211

Previews

White Background



This preview shows how the XYZ color 27.2582, 26.4635, 24.0934 looks on a white background.

Color Contrast Check

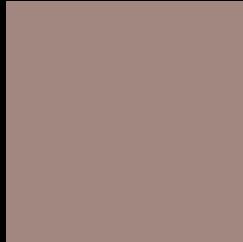
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.2582, 26.4635, 24.0934 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

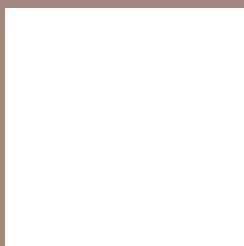
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.2582, 26.4635, 24.0934

Background



This preview shows how black text looks on a background with the XYZ color 27.2582, 26.4635, 24.0934.



This preview shows how white text looks on a background with the XYZ color 27.2582, 26.4635,

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

27.2582, 26.4635, 24.0934

Protanopia

25.3289, 26.5059, 25.2539

Deuteranopia

26.9985, 26.5378, 24.1214



Tritanopia

28.4497, 26.5448, 29.6108

Trichromacy



Original Color

27.2582, 26.4635, 24.0934

Protanomaly

25.8802, 26.3680, 24.8446

Deuteranomaly

27.1976, 26.6404, 24.1307

Tritanomaly

28.0128, 26.5666, 27.6962

Monochromacy



Original Color

27.2582, 26.4635, 24.0934

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.1424, 26.6609, 27.4351

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2582, 26.4635, 24.0934 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(161, 135, 128)` looks like.

```
.text, #text, p{  
    color:rgb(161, 135, 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(161, 135, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 135, 128) }
```

Border

The CSS property to change the border of an element to XYZ 27.2582, 26.4635, 24.0934 is called "border". The border property can be set on classes, ids or directly on the HTML element.

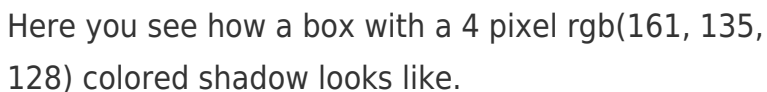
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(161, 135, 128) }
```


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

```
.border{ border-color:rgb(161, 135, 128) }
```

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



Here you see how a box with a 4 pixel `rgb(161, 135, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 135, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 135, 128);  
box-shadow:4px 4px 4px 4px rgb(161, 135,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2582, 26.4635, 24.0934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 135, 128) }
```

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

```
.background{ background-color: rgb(161,  
135, 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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