

Converting Colors

XYZ(28.1427, 27.7006, 26.4181)

Have a look what the booklet for
XYZ(28.1427, 27.7006, 26.4181)
contains.

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Color

**XYZ(28.2336, 27.7635,
26.4251)**

Conversions

Conversions Part 1

Format	Color
Hex	A18B86
RGB	161, 139, 134
RGB Percent	63%, 55%, 53%
CMY	0.3686, 0.4549, 0.4745
CMYK	0.00, 0.14, 0.17, 0.37
HSL	11°, 13%, 58%
HSV	11°, 17%, 63%
XYZ	28.2336, 27.7635, 26.4251
YIQ	145.0080, 14.7170, 3.1090

Conversions

Conversions Part 2

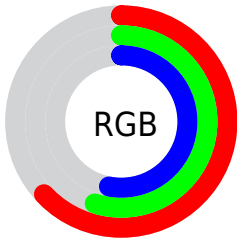
Format	Color
R_{YB}	161, 140, 134
Decimal	10587014
CIE Lab	59.67, 7.43, 5.72
CIE LCh	60, 9.379, 37.587
Yxy	27.7635, 0.3425, 0.3368
Android (android.graphics.Color)	4288777094 (0xFFA18B86)
YUV	145.0080, -5.4269, 14.0250
Hunter-Lab	52.6911, 3.4367, 7.1492

Details

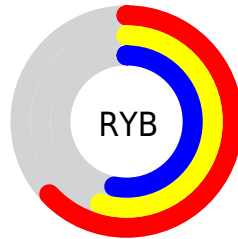
The XYZ color **28.2336, 27.7635, 26.4251** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.1528, 31.4178, 38.2988**, and the grayscale version is **26.9346, 28.3373, 30.8594**.

A 20% lighter version of the original color is **56.1382, 55.8861, 54.8420**, and **11.4793, 11.0361, 9.9127** is the 20% darker color. If you saturate the color by 10%, you get **25.4086, 23.7756, 20.3587**, and if you desaturate by 10%, it is **31.4590, 32.2781, 33.4691**.

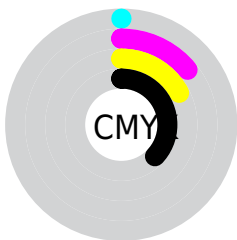
Distribution



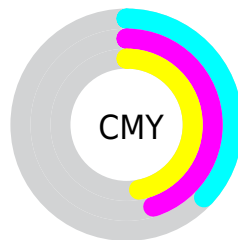
- Red (63%)
- Green (55%)
- Blue (53%)



- Red (63%)
- Yellow (55%)
- Blue (53%)



- Cyan (0%)
- Magenta (14%)
- Yellow (17%)
- Black (37%)



- Cyan (37%)
- Magenta (45%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.2336, 27.7635, 26.4251 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 28.2336, 27.7635, 26.4251 by changing the saturation by 10% instead.

■ 28.2336, 27.7635,
26.4251

■ 28.2336, 27.7635,
26.4251

285.6413,
291.3351, 298.5343

■ 18.6432, 18.1475,
16.9133

■ 56.2632, 56.1066,
54.9524

■ 11.5152, 11.0559,
10.0114

■ 75.4331, 75.6025,
74.8050

■ 6.4843, 6.1045,
5.3008

■ 98.5269, 99.1605,
98.9417

■ 3.1852, 2.9087,
2.3630

125.9099,
127.1649, 127.7809

■ 1.2524, 1.0843,
0.7662

157.9475,
160.0002, 161.7412

■ 0.1472, 0.0000,
0.0000

195.0050,

■ 0.0000, 0.0000,

198.0507, 201.2412

0.0000

237.4479,
241.7009, 246.6994

■ 28.2336, 27.7635,
26.4251

■ 28.2336, 27.7635,
26.4251

■ 25.4086, 23.7756,
20.3587

■ 31.4590, 32.2781,
33.4691

■ 22.9660, 20.2916,
15.2249

■ 35.0974, 37.3337,
41.5295

■ 20.8897, 17.2922,
10.9778

■ 39.1637, 42.9489,
50.6452

■ 19.1618, 14.7559,
7.5668

■ 43.6711, 49.1403,
60.8524

■ 17.7624, 12.6593,
4.9362

■ 48.6326, 55.9235,
72.1856

■ 16.6701, 10.9768,
3.0236

■ 54.0604, 63.3139,
84.6779

■ 15.8602, 9.6803,
1.7567

■ 59.9664, 71.3260,
98.3610

■ 15.3005, 8.7365,
1.0292

■ 65.0801, 79.4613,
106.5152

■ 15.1581, 8.4972,
0.8412

■ 68.5080, 86.3171,
107.6579

Harmonies

Analogous

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



28.7097, 27.7635, 29.3772



28.2336, 27.7635, 26.4251



27.2658, 27.7635, 24.5947

Triad

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



28.2336, 27.7635, 26.4251



24.3395, 27.7635, 27.8116



26.6900, 27.7635, 37.1632

Complementary

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



28.2336, 27.7635, 26.4251



28.1528, 31.4178, 38.2988

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.



25.5299, 27.7635, 36.6658



28.2336, 27.7635, 26.4251



24.1957, 27.7635, 31.0986

Square

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



28.2336, 27.7635, 26.4251



25.0241, 27.7635, 25.3524



24.6253, 27.7635, 34.3831



27.8013, 27.7635, 35.6956

Rectangle

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



28.2336, 27.7635, 26.4251



26.4843, 27.7635, 24.1729



24.6253, 27.7635, 34.3831



26.2926, 27.7635, 37.2221

Sweetspot

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



28.2344, 27.7647, 26.4257



57.3798, 59.2557, 62.2302



29.2283, 27.0296, 35.1517



12.4943, 12.8703, 13.4497



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.



28.2344, 27.7647, 26.4257



48.6594, 47.0415, 43.2104



30.3027, 31.9014, 27.1151



7.1751, 7.2885, 7.4087



12.1292, 6.8324, 0.6795



0.2826, 0.1990, 0.0235

Inverse Universe

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



28.1528, 31.4178, 38.2988



48.4851, 54.7915, 68.4069



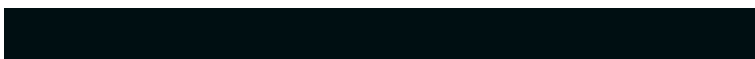
26.0199, 27.1520, 37.5878



7.1640, 7.7871, 9.0285



11.6656, 15.1105, 29.2316



0.2724, 0.3720, 0.6233

Previews

White Background



This preview shows how the XYZ color 28.2336, 27.7635, 26.4251 looks on a white background.

Color Contrast Check

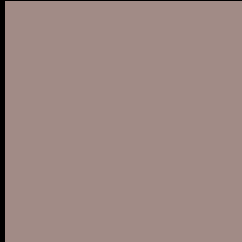
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.2336, 27.7635, 26.4251 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 28.2336, 27.7635, 26.4251

Background



This preview shows how black text looks on a background with the XYZ color 28.2336, 27.7635, 26.4251.



This preview shows how white text looks on a background with the XYZ color 28.2336, 27.7635,

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

28.2336, 27.7635, 26.4251

Protanopia

26.4791, 27.7184, 27.2471

Deuteranopia

28.2336, 27.7635, 26.4251



Tritanopia

29.3952, 27.8160, 31.8367

Trichromacy



Original Color

28.2336, 27.7635, 26.4251

Protanomaly

27.1830, 27.8676, 26.8679

Deuteranomaly

28.2336, 27.7635, 26.4251

Tritanomaly

28.9467, 27.8415, 29.8349

Monochromacy



Original Color

28.2336, 27.7635, 26.4251

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.3927, 28.1473, 29.1885

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.2336, 27.7635, 26.4251 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, 139, 134) looks like.

```
.text, #text, p{  
    color:rgb(161, 139, 134)  
}
```

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, 139, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 139, 134) }
```

Border

The CSS property to change the border of an element to XYZ 28.2336, 27.7635, 26.4251 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, 139, 134) }
```


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

```
.border{ border-color:rgb(161, 139, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 139, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 139, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 139, 134);  
box-shadow:4px 4px 4px 4px rgb(161, 139,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 28.2336, 27.7635, 26.4251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 139, 134) }
```

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

```
.background{ background-color: rgb(161,  
139, 134) }
```

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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