

Converting Colors

XYZ(27.8250, 28.8701, 27.0276)

Have a look what the booklet for
XYZ(27.8250, 28.8701, 27.0276)
contains.

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Color

**XYZ(27.8250, 28.8701,
27.0276)**

Conversions

Conversions Part 1

Format	Color
Hex	9A9187
RGB	154, 145, 135
RGB Percent	60%, 57%, 53%
CMY	0.3961, 0.4314, 0.4706
CMYK	0.00, 0.06, 0.12, 0.40
HSL	32°, 9%, 57%
HSV	32°, 12%, 60%
XYZ	27.8250, 28.8701, 27.0276
YIQ	146.5510, 8.5740, -1.2020

Conversions

Conversions Part 2

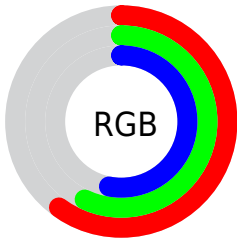
Format	Color
R_{YB}	152, 154, 135
Decimal	10129799
CIE Lab	60.67, 1.54, 6.49
CIE LCh	61, 6.670, 76.672
Yxy	28.8701, 0.3323, 0.3448
Android (android.graphics.Color)	4288319879 (0xFF9A9187)
YUV	146.5510, -5.6946, 6.5328
Hunter-Lab	53.7309, -1.5914, 7.7877

Details

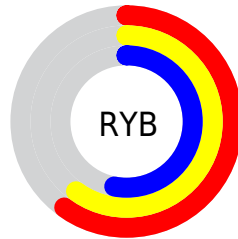
The XYZ color **27.8250, 28.8701, 27.0276** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.7976, 27.4300, 34.5070**, and the grayscale version is **27.5688, 29.0045, 31.5860**.

A 20% lighter version of the original color is **55.5129, 57.8876, 55.8245**, and **11.3254, 11.7239, 10.2603** is the 20% darker color. If you saturate the color by 10%, you get **25.7397, 26.3108, 21.3645**, and if you desaturate by 10%, it is **30.1403, 31.6378, 33.5419**.

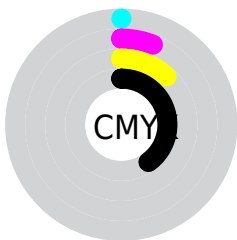
Distribution



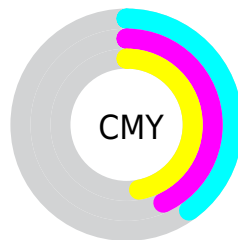
- Red (60%)
- Green (57%)
- Blue (53%)



- Red (60%)
- Yellow (60%)
- Blue (53%)



- Cyan (0%)
- Magenta (6%)
- Yellow (12%)
- Black (40%)



- Cyan (40%)
- Magenta (43%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.8250, 28.8701, 27.0276 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 27.8250, 28.8701, 27.0276 by changing the saturation by 10% instead.

■ 27.8250, 28.8701,
27.0276

■ 27.8250, 28.8701,
27.0276

283.7250,
296.6016, 301.5551

■ 18.3336, 18.9826,
17.3613

■ 55.6155, 57.8706,
55.9324

■ 11.2909, 11.6577,
10.3278

■ 74.6453, 77.7524,
76.0081

■ 6.3316, 6.5110,
5.5084

■ 97.5853, 101.7345,
100.3906

■ 3.0903, 3.1582,
2.4846

124.8008,
130.2011, 129.4985

■ 1.2017, 1.2149,
0.8320

156.6571,
163.5367, 163.7504

■ 0.1077, 0.0738,
0.0000

193.5197,

■ 0.0000, 0.0000,

202.1257, 203.5648

0.0000

235.7539,
246.3526, 249.3602

■ 27.8250, 28.8701,
27.0276

■ 27.8250, 28.8701,
27.0276

■ 25.7397, 26.3108,
21.3645

■ 30.1403, 31.6378,
33.5419

■ 23.8740, 23.9507,
16.5149

■ 32.6908, 34.6151,
40.9392

■ 22.2201, 21.7855,
12.4413

■ 35.4846, 37.8083,
49.2519

■ 20.7688, 19.8092,
9.1021

■ 38.5285, 41.2221,
58.5101

■ 19.5102, 18.0155,
6.4521

■ 41.8290, 44.8609,
68.7427

■ 18.4333, 16.3976,
4.4408

■ 45.3927, 48.7293,
79.9771

■ 17.5257, 14.9481,
3.0107

■ 49.2254, 52.8316,
92.2400

■ 16.7729, 13.6585,
2.0938

■ 52.8134, 56.9638,
102.8193

■ 16.2748, 12.7665,
1.6064

■ 54.5801, 60.4972,
103.4082

Harmonies

Analogous

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



28.5962, 28.8701, 28.0984



27.8250, 28.8701, 27.0276



26.9662, 28.8701, 27.0926

Triad

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



27.8250, 28.8701, 27.0276



25.8789, 28.8701, 32.8198



28.6668, 28.8701, 34.8144

Complementary

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



27.8250, 28.8701, 27.0276



25.7976, 27.4300, 34.5070

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.



27.9197, 28.8701, 36.2174



27.8250, 28.8701, 27.0276



26.3157, 28.8701, 35.0250

Square

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



27.8250, 28.8701, 27.0276



25.8548, 28.8701, 30.3503



27.0589, 28.8701, 36.2964



29.0890, 28.8701, 32.5445

Rectangle

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



27.8250, 28.8701, 27.0276



26.4597, 28.8701, 27.7701



27.0589, 28.8701, 36.2964



28.4446, 28.8701, 35.4081

Sweetspot

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



27.8258, 28.8714, 27.0282



53.9886, 56.5689, 58.7550



27.0388, 26.2176, 30.0948



12.1500, 12.7209, 13.0998



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.



27.8258, 28.8714, 27.0282



49.3817, 51.0298, 45.8914



29.1953, 31.6998, 27.5020



6.4644, 6.7339, 6.5649



13.2954, 10.4732, 1.3208



0.2352, 0.2294, 0.0319

Inverse Universe

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



25.7976, 27.4300, 34.5070



44.9033, 47.8471, 62.4051



24.5398, 24.8386, 34.0731



6.1136, 6.4846, 7.8584



6.7244, 5.8455, 25.6816



0.1366, 0.1595, 0.3960

Previews

White Background



This preview shows how the XYZ color 27.8250, 28.8701, 27.0276 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 27.8250, 28.8701, 27.0276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

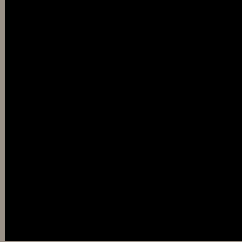
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.8250, 28.8701, 27.0276

Background



This preview shows how black text looks on a background with the XYZ color 27.8250, 28.8701, 27.0276.

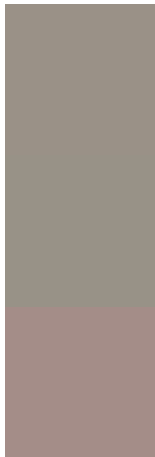


This preview shows how white text looks on a background with the XYZ color 27.8250, 28.8701,

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

27.8250, 28.8701, 27.0276

Protanopia

27.6010, 28.9824, 27.0611

Deuteranopia

29.2787, 28.7198, 27.2929



Tritanopia

29.3274, 28.8140, 34.1529

Trichromacy



Original Color

27.8250, 28.8701, 27.0276

Protanomaly

27.7889, 29.0793, 27.0699

Deuteranomaly

28.6141, 28.5972, 27.3042

Tritanomaly

28.7211, 28.7882, 31.2370

Monochromacy



Original Color

27.8250, 28.8701, 27.0276

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.8145, 29.0250, 30.1230

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.8250, 28.8701, 27.0276 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, 145, 135)` looks like.

```
.text, #text, p{  
    color:rgb(154, 145, 135)  
}
```

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, 145, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 145, 135) }
```

Border

The CSS property to change the border of an element to XYZ 27.8250, 28.8701, 27.0276 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, 145, 135) }
```


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

```
.border{ border-color:rgb(154, 145, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 145, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 145, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 145, 135);  
box-shadow:4px 4px 4px 4px rgb(154, 145,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 27.8250, 28.8701, 27.0276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 145, 135) }
```

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

```
.background{ background-color: rgb(154,  
145, 135) }
```

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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