

Converting Colors

XYZ(27.8344, 29.7029, 27.2642)

Have a look what the booklet for
XYZ(27.8344, 29.7029, 27.2642)
contains.

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Color

**XYZ(27.8831, 29.8235,
27.2086)**

Conversions

Conversions Part 1

Format	Color
Hex	979587
RGB	151, 149, 135
RGB Percent	59%, 58%, 53%
CMY	0.4078, 0.4157, 0.4706
CMYK	0.00, 0.01, 0.11, 0.41
HSL	53°, 7%, 56%
HSV	53°, 11%, 59%
XYZ	27.8831, 29.8235, 27.2086
YIQ	148.0020, 5.6860, -3.9300

Conversions

Conversions Part 2

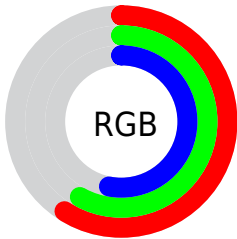
Format	Color
RYB	137, 151, 135
Decimal	9934215
CIELab	61.50, -1.83, 7.65
CIELCh	62, 7.866, 103.451
Yxy	29.8235, 0.3284, 0.3512
Android (android.graphics.Color)	4288124295 (0xFF979587)
YUV	148.0020, -6.4100, 2.6292
Hunter-Lab	54.6109, -4.4310, 8.6878

Details

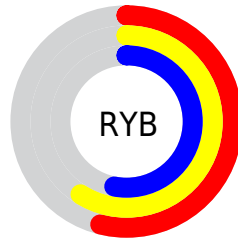
The XYZ color **27.8831, 29.8235, 27.2086** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.5231, 25.2760, 32.8646**, and the grayscale version is **28.1741, 29.6413, 32.2794**.

A 20% lighter version of the original color is **55.6099, 59.3218, 56.0963**, and **11.2629, 12.1006, 10.3364** is the 20% darker color. If you saturate the color by 10%, you get **26.5991, 28.8377, 21.9022**, and if you desaturate by 10%, it is **29.3244, 30.8819, 33.3122**.

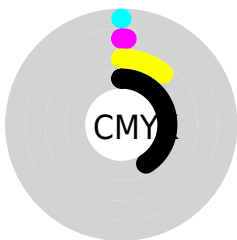
Distribution



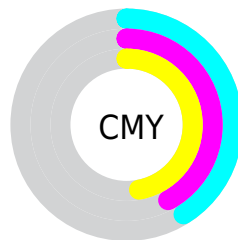
- Red (59%)
- Green (58%)
- Blue (53%)



- Red (54%)
- Yellow (59%)
- Blue (53%)



- Cyan (0%)
- Magenta (1%)
- Yellow (11%)
- Black (41%)



- Cyan (41%)
- Magenta (42%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.8831, 29.8235, 27.2086 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 27.8831, 29.8235, 27.2086 by changing the saturation by 10% instead.

■ 27.8831, 29.8235,
27.2086

■ 27.8831, 29.8235,
27.2086

283.9981,
301.0809, 302.4578

■ 18.3776, 19.7047,
17.4961

■ 55.7077, 59.3829,
56.2262

■ 11.3227, 12.1805,
10.4232

■ 74.7575, 79.5923,
76.3685

■ 6.3532, 6.8668,
5.5712

■ 97.7194, 103.9340,
100.8244

■ 3.1037, 3.3789,
2.5216

124.9587,
132.7924, 130.0125

■ 1.2088, 1.3326,
0.8516

156.8409,
166.5519, 164.3513

■ 0.1133, 0.1662,
0.0000

193.7313,

■ 0.0000, 0.0000,

205.5969, 204.2595

0.0000

235.9953,
250.3117, 250.1554

■ 27.8831, 29.8235,
27.2086

■ 27.8831, 29.8235,
27.2086

■ 26.5991, 28.8377,
21.9022

■ 29.3244, 30.8819,
33.3122

■ 25.4636, 27.9180,
17.3577

■ 30.9265, 32.0113,
40.2423

■ 24.4706, 27.0630,
13.5402

■ 32.6958, 33.2155,
48.0291

■ 23.6129, 26.2697,
10.4113

■ 34.6378, 34.4965,
56.7009

■ 22.8823, 25.5348,
7.9288

■ 36.7575, 35.8565,
66.2845

■ 22.2701, 24.8548,
6.0463

■ 39.0599, 37.2975,
76.8056

■ 21.7661, 24.2256,
4.7108

■ 41.5497, 38.8213,
88.2889

■ 21.3587, 23.6425,
3.8604

■ 44.1020, 40.3781,
100.0771

■ 21.0353, 23.1248,
3.3549

■ 44.4419, 41.0580,
100.1904

Harmonies

Analogous

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



28.9205, 29.8235, 27.2800



27.8831, 29.8235, 27.2086



26.9914, 29.8235, 28.4850

Triad

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



27.8831, 29.8235, 27.2086



26.9174, 29.8235, 36.5785



30.3094, 29.8235, 34.1337

Complementary

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



27.8831, 29.8235, 27.2086



24.5231, 25.2760, 32.8646

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.



29.7459, 29.8235, 36.8163



27.8831, 29.8235, 27.2086



27.7798, 29.8235, 38.2859

Square

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



27.8831, 29.8235, 27.2086



26.4432, 29.8235, 33.8251



28.8147, 29.8235, 38.3755



30.3387, 29.8235, 31.1569

Rectangle

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



27.8831, 29.8235, 27.2086



26.5926, 29.8235, 29.9764



28.8147, 29.8235, 38.3755



30.1756, 29.8235, 35.1039

Sweetspot

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



27.8839, 29.8248, 27.2092



51.8539, 54.8270, 56.8286



25.9517, 25.7176, 27.3137



11.7394, 12.4278, 12.7194



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



27.8839, 29.8248, 27.2092



49.2965, 52.9292, 46.0586



27.1406, 29.9146, 27.2657



6.6431, 7.0913, 6.6245



17.9093, 19.7009, 2.8587



0.2838, 0.3267, 0.0481

Inverse Universe

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



24.5231, 25.2760, 32.8646



41.8980, 42.9155, 58.5089



25.2121, 25.2138, 32.8163



5.9435, 6.1444, 7.8017



4.9604, 2.3174, 25.0936



0.0883, 0.0630, 0.3799

Previews

White Background



This preview shows how the XYZ color 27.8831, 29.8235, 27.2086 looks on a white background.

Color Contrast Check

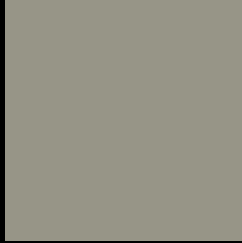
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.8831, 29.8235, 27.2086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

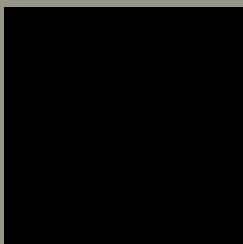
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

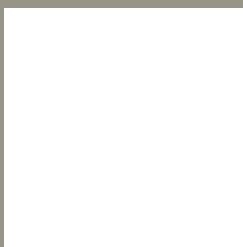
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.8831, 29.8235, 27.2086

Background



This preview shows how black text looks on a background with the XYZ color 27.8831, 29.8235, 27.2086.



This preview shows how white text looks on a background with the XYZ color 27.8831, 29.8235,

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

27.8831, 29.8235, 27.2086

Protanopia

28.2194, 29.7711, 26.8133

Deuteranopia

30.2027, 29.6380, 27.4214



Tritanopia

29.6911, 29.8621, 36.0974

Trichromacy



Original Color

27.8831, 29.8235, 27.2086

Protanomaly

28.0298, 29.6733, 26.8045

Deuteranomaly

29.2673, 29.6054, 27.4644

Tritanomaly

28.9954, 29.8097, 32.6594

Monochromacy



Original Color

27.8831, 29.8235, 27.2086

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.9423, 29.5525, 30.2181

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.8831, 29.8235, 27.2086 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(151, 149, 135)` looks like.

```
.text, #text, p{  
    color:rgb(151, 149, 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(151, 149, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 149, 135) }
```

Border

The CSS property to change the border of an element to XYZ 27.8831, 29.8235, 27.2086 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(151, 149, 135) }
```


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

```
.border{ border-color:rgb(151, 149, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 149, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 149, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 149, 135);  
box-shadow:4px 4px 4px 4px rgb(151, 149,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 27.8831, 29.8235, 27.2086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 149, 135) }
```

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

```
.background{ background-color: rgb(151,  
149, 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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