

Converting Colors

XYZ(27.8711, 28.3834, 30.8788)

Have a look what the booklet for
XYZ(27.8711, 28.3834, 30.8788)
contains.

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Color

**XYZ(27.8822, 28.3647,
30.7934)**

Conversions

Conversions Part 1

Format	Color
Hex	988F91
RGB	152, 143, 145
RGB Percent	60%, 56%, 57%
CMY	0.4039, 0.4392, 0.4314
CMYK	0.00, 0.06, 0.05, 0.40
HSL	347°, 4%, 58%
HSV	347°, 6%, 60%
XYZ	27.8822, 28.3647, 30.7934
YIQ	145.9190, 4.7220, 2.5300

Conversions

Conversions Part 2

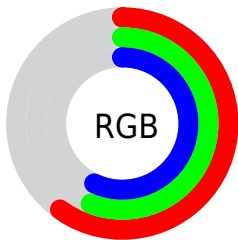
Format	Color
R_{YB}	152, 143, 145
Decimal	9998225
CIE Lab	60.22, 3.70, 0.13
CIE LCh	60, 3.707, 1.996
Yxy	28.3647, 0.3203, 0.3259
Android (android.graphics.Color)	4288188305 (0xFF988F91)
YUV	145.9190, -0.4531, 5.3330
Hunter-Lab	53.2585, 0.2469, 3.0002

Details

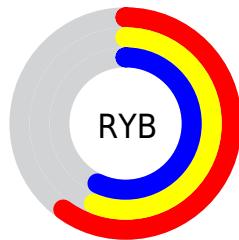
The XYZ color **27.8822, 28.3647, 30.7934** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.0621, 30.4989, 33.2636**, and the grayscale version is **27.2896, 28.7107, 31.2660**.

A 20% lighter version of the original color is **55.7287, 57.1778, 62.1320**, and **11.3467, 11.4216, 12.4330** is the 20% darker color. If you saturate the color by 10%, you get **24.8884, 23.7610, 25.5282**, and if you desaturate by 10%, it is **31.2818, 33.6273, 36.6629**.

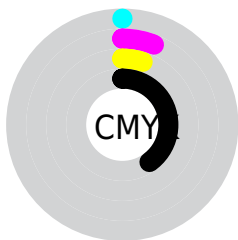
Distribution



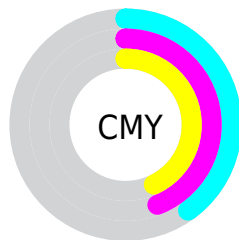
- Red (60%)
- Green (56%)
- Blue (57%)



- Red (60%)
- Yellow (56%)
- Blue (57%)



- Cyan (0%)
- Magenta (6%)
- Yellow (5%)
- Black (40%)



- Cyan (40%)
- Magenta (44%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.8822, 28.3647, 30.7934 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 27.8822, 28.3647, 30.7934 by changing the saturation by 10% instead.

■ 27.8822, 28.3647,
30.7934

■ 27.8822, 28.3647,
30.7934

283.9939,
294.2055, 319.9071

■ 18.3769, 18.6008,
20.1844

■ 55.7063, 57.0662,
61.9904

■ 11.3222, 11.3822,
12.3438

■ 74.7557, 76.7725,
83.4155

■ 6.3529, 6.3245,
6.8529

■ 97.7173, 100.5617,
109.2831

■ 3.1035, 3.0434,
3.2932

124.9563,
128.8183, 140.0117

■ 1.2087, 1.1544,
1.2462

156.8381,
161.9266, 176.0199

■ 0.1133, 0.0240,
0.0171

193.7281,

■ 0.0000, 0.0000,

200.2709, 217.7261

0.0000

235.9915,
244.2358, 265.5490

■ 27.8822, 28.3647,
30.7934

■ 27.8822, 28.3647,
30.7934

■ 24.8884, 23.7610,
25.5282

■ 31.2818, 33.6273,
36.6629

■ 22.2827, 19.7865,
20.8462

■ 35.0991, 39.5694,
43.1534

■ 20.0497, 16.4151,
16.7276

■ 39.3488, 46.2155,
50.2831

■ 18.1720, 13.6169,
13.1508

■ 44.0438, 53.5875,
58.0690

■ 16.6309, 11.3600,
10.0928

■ 49.1966, 61.7067,
66.5273

■ 15.4058, 9.6090,
7.5290

■ 54.8193, 70.5933,
75.6739

■ 14.4738, 8.3243,
5.4327

■ 60.9235, 80.2666,
85.5238

■ 13.8089, 7.4604,
3.7743

■ 64.3794, 84.4636,
95.0449

■ 13.3754, 6.9538,
2.5192

■ 66.1906, 85.1881,
104.5823

Harmonies

Analogous

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



27.7736, 28.3647, 32.1279



27.8822, 28.3647, 30.7934



27.7412, 28.3647, 29.5200

Triad

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



27.8822, 28.3647, 30.7934



26.4791, 28.3647, 28.7203



26.5335, 28.3647, 33.2500

Complementary

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



27.8822, 28.3647, 30.7934



28.0621, 30.4989, 33.2636

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.



26.1932, 28.3647, 32.2900



27.8822, 28.3647, 30.7934



26.1620, 28.3647, 29.6733

Square

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



27.8822, 28.3647, 30.7934



26.9280, 28.3647, 28.3452



26.0580, 28.3647, 30.9755



26.9916, 28.3647, 33.5708

Rectangle

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



27.8822, 28.3647, 30.7934



27.5256, 28.3647, 28.8703



26.0580, 28.3647, 30.9755



26.4018, 28.3647, 32.9900

Sweetspot

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



27.8830, 28.3659, 30.7940



51.4573, 53.5315, 58.2451



28.0502, 28.3878, 33.7071



11.7123, 12.1929, 13.2673



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.



27.8830, 28.3659, 30.7940



48.5348, 49.0178, 53.1664



28.0944, 29.0330, 30.1113



6.3956, 6.4495, 6.9941



11.1064, 5.6968, 1.8196



0.1778, 0.0899, 0.0892

Inverse Universe

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



27.8830, 28.3659, 30.7940



48.5348, 49.0178, 53.1664



27.8388, 29.7928, 33.9894



6.3956, 6.4495, 6.9941



11.1064, 5.6968, 1.8196



0.1778, 0.0899, 0.0892

Previews

White Background



This preview shows how the XYZ color 27.8822, 28.3647, 30.7934 looks on a white background.

Color Contrast Check

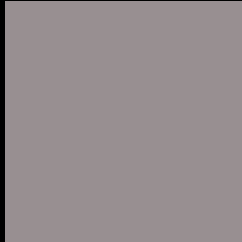
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.8822, 28.3647, 30.7934 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 27.8822, 28.3647, 30.7934

Background



This preview shows how black text looks on a background with the XYZ color 27.8822, 28.3647, 30.7934.

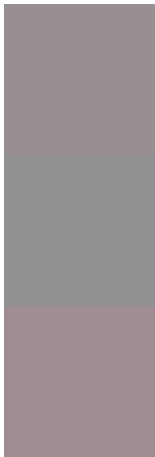


This preview shows how white text looks on a background with the XYZ color 27.8822, 28.3647,

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

27.8822, 28.3647, 30.7934

Protanopia

27.1942, 28.2249, 31.2088

Deuteranopia

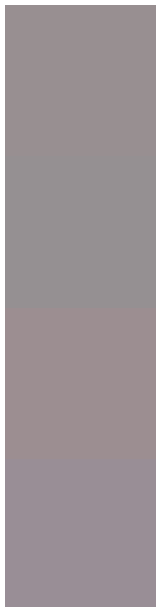
28.9338, 28.4650, 30.7574



Tritanopia

28.5596, 28.4182, 34.1170

Trichromacy



Original Color

27.8822, 28.3647, 30.7934

Protanomaly

27.5560, 28.4114, 31.2257

Deuteranomaly

28.4941, 28.4583, 30.7793

Tritanomaly

28.3149, 28.3203, 32.8282

Monochromacy



Original Color

27.8822, 28.3647, 30.7934

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.5264, 28.6220, 31.2679

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.8822, 28.3647, 30.7934 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(152, 143, 145)` looks like.

```
.text, #text, p{  
    color:rgb(152, 143, 145)  
}
```

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(152, 143, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 143, 145) }
```

Border

The CSS property to change the border of an element to XYZ 27.8822, 28.3647, 30.7934 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(152, 143, 145) }
```


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

```
.border{ border-color:rgb(152, 143, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 143, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 143, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 143, 145);  
box-shadow:4px 4px 4px 4px rgb(152, 143,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 27.8822, 28.3647, 30.7934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 143, 145) }
```

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

```
.background{ background-color: rgb(152,  
143, 145) }
```

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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