

Converting Colors

XYZ(28.2671, 27.5566, 27.8392)

Have a look what the booklet for
XYZ(28.2671, 27.5566, 27.8392)
contains.

XYZ(28.1731, 27.4855, 27.8651)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(28.1731, 27.4855,
27.8651)**

Conversions

Conversions Part 1

Format	Color
Hex	A08A8A
RGB	160, 138, 138
RGB Percent	63%, 54%, 54%
CMY	0.3725, 0.4588, 0.4588
CMYK	0.00, 0.14, 0.14, 0.37
HSL	0°, 10%, 58%
HSV	0°, 14%, 63%
XYZ	28.1731, 27.4855, 27.8651
YIQ	144.5780, 13.1120, 4.6640

Conversions

Conversions Part 2

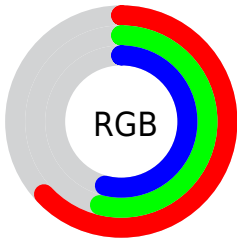
Format	Color
R_{YB}	160, 138, 138
Decimal	10521226
CIE Lab	59.42, 8.29, 3.06
CIE LCh	59, 8.832, 20.255
Yxy	27.4855, 0.3373, 0.3291
Android (android.graphics.Color)	4288711306 (0xFFA08A8A)
YUV	144.5780, -3.2430, 13.5251
Hunter-Lab	52.4266, 4.1760, 5.1856

Details

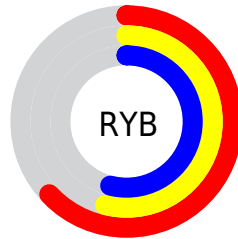
The XYZ color **28.1731, 27.4855, 27.8651** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **29.3970, 33.0822, 38.0940**, and the grayscale version is **26.7521, 28.1453, 30.6503**.

A 20% lighter version of the original color is **56.0591, 55.4703, 57.0424**, and **11.4355, 10.8722, 10.7283** is the 20% darker color. If you saturate the color by 10%, you get **24.9705, 22.7993, 21.4973**, and if you desaturate by 10%, it is **31.8860, 32.9186, 35.2457**.

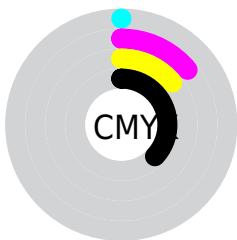
Distribution



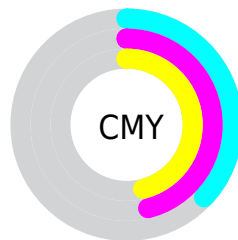
- Red (63%)
- Green (54%)
- Blue (54%)



- Red (63%)
- Yellow (54%)
- Blue (54%)



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



- Cyan (37%)
- Magenta (46%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.1731, 27.4855, 27.8651 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 28.1731, 27.4855, 27.8651 by changing the saturation by 10% instead.

■ 28.1731, 27.4855,
27.8651

■ 28.1731, 27.4855,
27.8651

285.3582,
290.0002, 305.7134

■ 18.5973, 17.9382,
17.9858

■ 56.1674, 55.6620,
57.2895

■ 11.4819, 10.9056,
10.7705

■ 75.3166, 75.0599,
77.6717

■ 6.4617, 6.0034,
5.8005

■ 98.3877, 98.5102,
102.3920

■ 3.1711, 2.8471,
2.6573

125.7460,
126.3971, 131.8689

■ 1.2449, 1.0525,
0.9218

157.7568,
159.1052, 166.5210

■ 0.1414, 0.0000,
0.0000

194.7855,

■ 0.0000, 0.0000,

197.0189, 206.7667

0.0000

237.1976,
240.5224, 253.0246

■ 28.1731, 27.4855,
27.8651

■ 28.1731, 27.4855,
27.8651

■ 24.9705, 22.7993,
21.4973

■ 31.8860, 32.9186,
35.2457

■ 22.2537, 18.8240,
16.0964

■ 36.1278, 39.1253,
43.6786

■ 19.9998, 15.5259,
11.6157

■ 40.9188, 46.1357,
53.2034

■ 18.1830, 12.8673,
8.0040

■ 46.2776, 53.9770,
63.8574

■ 16.7748, 10.8067,
5.2049

■ 52.2221, 62.6751,
75.6756

■ 15.7438, 9.2979,
3.1554

■ 58.7692, 72.2550,
88.6920

■ 15.0536, 8.2878,
1.7836

■ 65.9351, 82.7404,
102.9389

■ 14.6609, 7.7131,
1.0032

■ 68.3073, 86.2136,
107.6485

■ 14.4975, 7.4741,
0.6785

Harmonies

Analogous

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



28.2794, 27.4855, 30.9711



28.1731, 27.4855, 27.8651



27.5093, 27.4855, 25.4788

Triad

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



28.1731, 27.4855, 27.8651



24.5209, 27.4855, 26.1950



25.7654, 27.4855, 36.3485

Complementary

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



28.1731, 27.4855, 27.8651



29.3970, 33.0822, 38.0940

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.



24.7863, 27.4855, 34.8650



28.1731, 27.4855, 27.8651



24.0813, 27.4855, 28.9067

Square

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



28.1731, 27.4855, 27.8651



25.3939, 27.4855, 24.5628



24.1770, 27.4855, 32.0883



26.8683, 27.4855, 36.0203

Rectangle

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



28.1731, 27.4855, 27.8651



26.8501, 27.4855, 24.5466



24.1770, 27.4855, 32.0883



25.4114, 27.4855, 36.0414

Sweetspot

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



28.1739, 27.4867, 27.8657



57.6598, 59.4254, 63.5269



29.9311, 28.1890, 37.1214



12.5331, 12.8682, 13.7086



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.



28.1739, 27.4867, 27.8657



49.5806, 47.6034, 47.4651



29.8324, 30.8038, 28.4185



6.6331, 6.6463, 6.9189



11.2933, 5.8222, 0.5286



0.2019, 0.1041, 0.0095

Inverse Universe

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



29.3970, 33.0822, 38.0940



52.1690, 59.4449, 69.1109



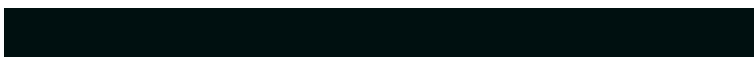
27.5742, 29.4366, 37.4864



6.8218, 7.5094, 8.4966



14.7324, 21.5563, 29.2915



0.2634, 0.3855, 0.5237

Previews

White Background



This preview shows how the XYZ color 28.1731, 27.4855, 27.8651 looks on a white background.

Color Contrast Check

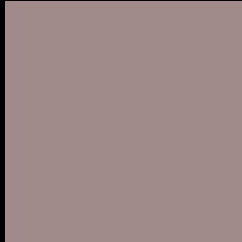
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.1731, 27.4855, 27.8651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

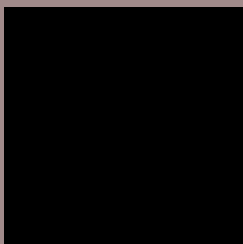
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

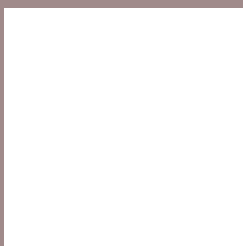
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.1731, 27.4855, 27.8651

Background



This preview shows how black text looks on a background with the XYZ color 28.1731, 27.4855, 27.8651.



This preview shows how white text looks on a background with the XYZ color 28.1731, 27.4855,

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

28.1731, 27.4855, 27.8651

Protanopia

26.4842, 27.6790, 29.1460

Deuteranopia

27.9740, 27.3829, 27.8558



Tritanopia

28.9101, 27.5750, 31.4025

Trichromacy



Original Color

28.1731, 27.4855, 27.8651

Protanomaly

27.0210, 27.5225, 28.6992

Deuteranomaly

27.9740, 27.3829, 27.8558

Tritanomaly

28.6776, 27.4820, 30.1786

Monochromacy



Original Color

28.1731, 27.4855, 27.8651

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.1332, 27.7830, 29.5238

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1731, 27.4855, 27.8651 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(160, 138, 138)` looks like.

```
.text, #text, p{  
    color:rgb(160, 138, 138)  
}
```

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(160, 138, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 138, 138) }
```

Border

The CSS property to change the border of an element to XYZ 28.1731, 27.4855, 27.8651 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(160, 138, 138) }
```


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

```
.border{ border-color:rgb(160, 138, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 138, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 138, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 138, 138);  
box-shadow:4px 4px 4px 4px rgb(160, 138,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1731, 27.4855, 27.8651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 138, 138) }
```

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

```
.background{ background-color: rgb(160,  
138, 138) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor