

Converting Colors

XYZ(28.4122, 27.9059, 27.8606)

Have a look what the booklet for
XYZ(28.4122, 27.9059, 27.8606)
contains.

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Color

**XYZ(28.3173, 27.7738,
27.9132)**

Conversions

Conversions Part 1

Format	Color
Hex	A08B8A
RGB	160, 139, 138
RGB Percent	63%, 55%, 54%
CMY	0.3725, 0.4549, 0.4588
CMYK	0.00, 0.13, 0.14, 0.37
HSL	3°, 10%, 58%
HSV	3°, 14%, 63%
XYZ	28.3173, 27.7738, 27.9132
YIQ	145.1650, 12.8370, 4.1410

Conversions

Conversions Part 2

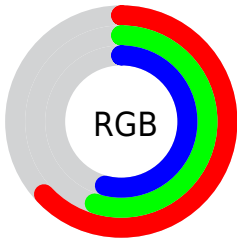
Format	Color
R_{YB}	160, 139, 138
Decimal	10521482
CIE _{Lab}	59.68, 7.72, 3.44
CIE _{LCh}	60, 8.452, 24.001
Yxy	27.7738, 0.3371, 0.3306
Android (android.graphics.Color)	4288711562 (0xFFA08B8A)
YUV	145.1650, -3.5323, 13.0103
Hunter-Lab	52.7009, 3.6854, 5.4874

Details

The XYZ color **28.3173, 27.7738, 27.9132** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **29.2245, 32.7371, 38.0367**, and the grayscale version is **26.9916, 28.3973, 30.9246**.

A 20% lighter version of the original color is **56.2779, 55.9079, 57.1154**, and **11.5182, 11.0375, 10.7559** is the 20% darker color. If you saturate the color by 10%, you get **25.1845, 23.2273, 21.5687**, and if you desaturate by 10%, it is **31.9312, 33.0088, 35.2608**.

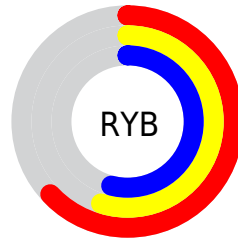
Distribution



Red (63%)

Green (55%)

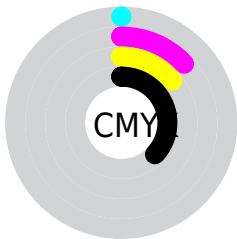
Blue (54%)



Red (63%)

Yellow (55%)

Blue (54%)

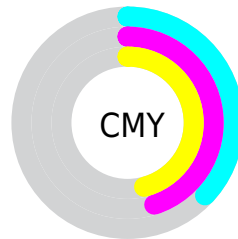


Cyan (0%)

Magenta (13%)

Yellow (14%)

Black (37%)



Cyan (37%)


Magenta (45%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.3173, 27.7738, 27.9132 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 28.3173, 27.7738, 27.9132 by changing the saturation by 10% instead.


 28.3173, 27.7738,
27.9132


 28.3173, 27.7738,
27.9132


286.0327,
291.3845, 305.9508


 18.7067, 18.1552,
18.0218


 56.3957, 56.1231,
57.3673

 11.5613, 11.0615,
10.7960


 75.5942, 75.6226,
77.7670

 6.5157, 6.1082,
5.8174


 98.7194, 99.1845,
102.5065

 3.2048, 2.9110,
2.6674

126.1366,
127.1933, 132.0045

 1.2629, 1.0854,
0.9269

158.2112,
160.0333, 166.6793

 0.1552, 0.0000,
0.0000

195.3085,

 0.0000, 0.0000,

198.0889, 206.9496

0.0000

237.7938,
241.7445, 253.2339

■ 28.3173, 27.7738,
27.9132

■ 28.3173, 27.7738,
27.9132

■ 25.1845, 23.2273,
21.5687

■ 31.9312, 33.0088,
35.2608

■ 22.5104, 19.3372,
16.1820

■ 36.0428, 38.9553,
43.6503

■ 20.2740, 16.0742,
11.7071

■ 40.6710, 45.6400,
53.1210

■ 18.4522, 13.4056,
8.0937

■ 45.8327, 53.0869,
63.7092

■ 17.0193, 11.2955,
5.2863

■ 51.5441, 61.3190,
75.4498

■ 15.9470, 9.7043,
3.2232

■ 57.8210, 70.3584,
88.3762

■ 15.2033, 8.5871,
1.8335

■ 64.6781, 80.2263,
102.5202

■ 14.7501, 7.8915,
1.0330

■ 68.3074, 86.2137,
107.6485

■ 14.5765, 7.6320,
0.7049

Harmonies

Analogous

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



28.4918, 27.7738, 30.8593



28.3173, 27.7738, 27.9132



27.6226, 27.7738, 25.7317

Triad

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



28.3173, 27.7738, 27.9132



24.7727, 27.7738, 26.9169



26.1843, 27.7738, 36.4696

Complementary

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



28.3173, 27.7738, 27.9132



29.2245, 32.7371, 38.0367

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.



25.2104, 27.7738, 35.2485



28.3173, 27.7738, 27.9132



24.4097, 27.7738, 29.6309

Square

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



28.3173, 27.7738, 27.9132



25.5724, 27.7738, 25.1841



24.5678, 27.7738, 32.6946



27.2416, 27.7738, 35.9331

Rectangle

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



28.3173, 27.7738, 27.9132



26.9677, 27.7738, 24.9367



24.5678, 27.7738, 32.6946



25.8367, 27.7738, 36.2486

Sweetspot

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



28.3181, 27.7750, 27.9138



57.7484, 59.6025, 63.5564



29.8673, 28.1635, 36.7846



12.5557, 12.9134, 13.7162



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.



28.3181, 27.7750, 27.9138



49.8796, 48.2015, 47.5647



29.9489, 31.0367, 28.4574



6.6561, 6.6922, 6.9266



11.3637, 5.9631, 0.5521



0.2095, 0.1192, 0.0120

Inverse Universe

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



29.2245, 32.7371, 38.0367



51.7975, 58.7019, 68.9871



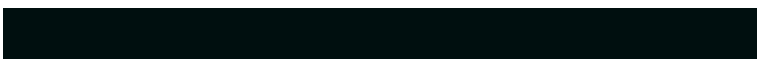
27.4586, 29.2053, 37.4480



6.7959, 7.4576, 8.4880



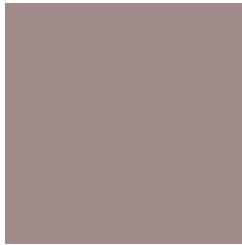
13.7880, 19.6676, 28.9768



0.2536, 0.3659, 0.5205

Previews

White Background



This preview shows how the XYZ color 28.3173, 27.7738, 27.9132 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 28.3173, 27.7738, 27.9132 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

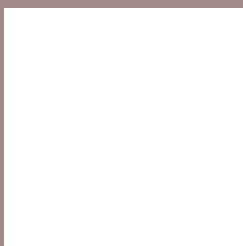
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.3173, 27.7738, 27.9132

Background



This preview shows how black text looks on a background with the XYZ color 28.3173, 27.7738, 27.9132.



This preview shows how white text looks on a background with the XYZ color 28.3173, 27.7738,

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

28.3173, 27.7738, 27.9132

Protanopia

26.5887, 27.7414, 28.7642

Deuteranopia

28.3173, 27.7738, 27.9132



Tritanopia

28.9889, 27.6065, 31.8177

Trichromacy



Original Color

28.3173, 27.7738, 27.9132

Protanomaly

27.2821, 27.8855, 28.3706

Deuteranomaly

28.3173, 27.7738, 27.9132

Tritanomaly

28.8205, 27.7676, 30.2262

Monochromacy



Original Color

28.3173, 27.7738, 27.9132

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.2826, 28.0819, 29.5736

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3173, 27.7738, 27.9132 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, 139, 138)` looks like.

```
.text, #text, p{  
    color:rgb(160, 139, 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, 139, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 139, 138) }
```

Border

The CSS property to change the border of an element to XYZ 28.3173, 27.7738, 27.9132 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, 139, 138) }
```


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

```
.border{ border-color:rgb(160, 139, 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, 139, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 139, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 139, 138);  
box-shadow:4px 4px 4px 4px rgb(160, 139,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3173, 27.7738, 27.9132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 139, 138) }
```

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

```
.background{ background-color: rgb(160,  
139, 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](#).

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