

Converting Colors

XYZ(28.7232, 27.5582, 33.0493)

Have a look what the booklet for
XYZ(28.7232, 27.5582, 33.0493)
contains.

XYZ(28.7749, 27.6804, 33.1044)	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(28.7749, 27.6804,
33.1044)**

Conversions

Conversions Part 1

Format	Color
Hex	9E8A97
RGB	158, 138, 151
RGB Percent	62%, 54%, 59%
CMY	0.3804, 0.4588, 0.4078
CMYK	0.00, 0.13, 0.04, 0.38
HSL	321°, 9%, 58%
HSV	321°, 13%, 62%
XYZ	28.7749, 27.6804, 33.1044
YIQ	145.4620, 7.7470, 8.2830

Conversions

Conversions Part 2

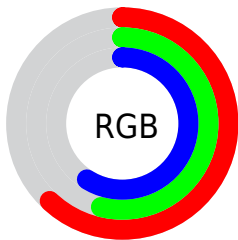
Format	Color
R _Y B	158, 138, 151
Decimal	10390167
CIE Lab	59.60, 9.88, -4.14
CIE LCh	60, 10.710, 337.251
Yxy	27.6804, 0.3213, 0.3091
Android (android.graphics.Color)	4288580247 (0xFF9E8A97)
YUV	145.4620, 2.7302, 10.9958
Hunter-Lab	52.6122, 5.5548, -0.4777

Details

The XYZ color **28.7749, 27.6804, 33.1044** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.8199, 31.9020, 31.4809**, and the grayscale version is **27.0893, 28.5001, 31.0366**.

A 20% lighter version of the original color is **57.0908, 55.8155, 65.5221**, and **11.8534, 11.0253, 13.5600** is the 20% darker color. If you saturate the color by 10%, you get **26.2324, 23.2972, 30.0928**, and if you desaturate by 10%, it is **31.6698, 32.7340, 36.3382**.

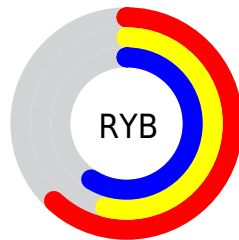
Distribution



Red (62%)

Green (54%)

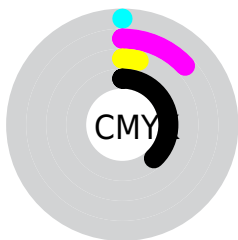
Blue (59%)



Red (62%)

Yellow (54%)

Blue (59%)

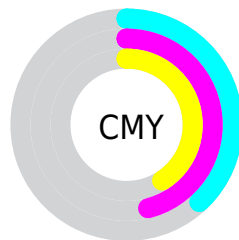


Cyan (0%)

Magenta (13%)

Yellow (4%)

Black (38%)



Cyan (38%)

Magenta (46%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.7749, 27.6804, 33.1044 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 28.7749, 27.6804, 33.1044 by changing the saturation by 10% instead.

■ 28.7749, 27.6804,
33.1044

■ 28.7749, 27.6804,
33.1044

288.1648,
290.9366, 330.7663

■ 19.0540, 18.0849,
21.9347

■ 57.1193, 55.9738,
65.6564

■ 11.8136, 11.0109,
13.6110

■ 76.4735, 75.4404,
87.8757

■ 6.6881, 6.0742,
7.7150

■ 99.7696, 98.9662,
114.6153

■ 3.3124, 2.8903,
3.8280

127.3728,
126.9356, 146.2937

■ 1.3211, 1.0747,
1.5315

159.6486,
159.7329, 183.3295

■ 0.1989, 0.0000,
0.2412

196.9623,

■ 0.0000, 0.0000,

197.7426, 226.1411

0.0000

239.6792,
241.3490, 275.1472

■ 28.7749, 27.6804,
33.1044

■ 28.7749, 27.6804,
33.1044

■ 26.2324, 23.2972,
30.0928

■ 31.6698, 32.7340,
36.3382

■ 24.0256, 19.5523,
27.2953

■ 34.9284, 38.4812,
39.7982

■ 22.1396, 16.4164,
24.7059

■ 38.5643, 44.9484,
43.4907

■ 20.5578, 13.8565,
22.3175

■ 42.5897, 52.1596,
47.4210

■ 19.2618, 11.8362,
20.1225

■ 47.0164, 60.1377,
51.5945

■ 18.2311, 10.3154,
18.1127

■ 51.8554, 68.9047,
56.0161

■ 17.4425, 9.2479,
16.2786

■ 57.1174, 78.4814,
60.6905

■ 16.8684, 8.5790,
14.6094

■ 59.7389, 82.7405,
64.5979

■ 16.5335, 8.2423,
13.4710

■ 60.3771, 82.9957,
67.9586

Harmonies

Analogous

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



27.9110, 27.6804, 36.4481



28.7749, 27.6804, 33.1044



28.9675, 27.6804, 29.2113

Triad

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



28.7749, 27.6804, 33.1044



25.9834, 27.6804, 23.3538



24.2981, 27.6804, 34.8635

Complementary

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



28.7749, 27.6804, 33.1044



27.8199, 31.9020, 31.4809

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.



23.8190, 27.6804, 31.0866



28.7749, 27.6804, 33.1044



24.7702, 27.6804, 24.6039

Square

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



28.7749, 27.6804, 33.1044



27.3253, 27.6804, 23.7940



23.9889, 27.6804, 27.3567



25.3190, 27.6804, 37.5228

Rectangle

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



28.7749, 27.6804, 33.1044



28.6836, 27.6804, 26.8639



23.9889, 27.6804, 27.3567



24.0700, 27.6804, 33.6706

Sweetspot

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



28.7757, 27.6816, 33.1050



56.7246, 58.0639, 65.1296



26.9382, 26.6667, 36.0755



12.6996, 12.9347, 14.5857



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.



28.7757, 27.6816, 33.1050



50.9775, 48.0541, 58.6371



27.9977, 27.3704, 29.0080



6.8054, 6.7151, 7.8266



13.2606, 6.6088, 10.8895



0.2564, 0.1259, 0.2963

Inverse Universe

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



28.7757, 27.6816, 33.1050



50.9775, 48.0541, 58.6371



28.6253, 32.2242, 35.7220



6.8054, 6.7151, 7.8266



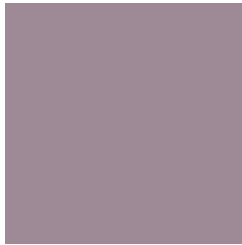
13.2606, 6.6088, 10.8895



0.2564, 0.1259, 0.2963

Previews

White Background



This preview shows how the XYZ color 28.7749, 27.6804, 33.1044 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 28.7749, 27.6804, 33.1044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

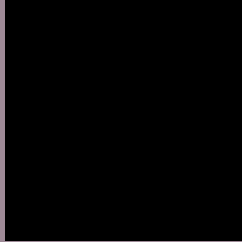
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.7749, 27.6804, 33.1044

Background



This preview shows how black text looks on a background with the XYZ color 28.7749, 27.6804, 33.1044.



This preview shows how white text looks on a background with the XYZ color 28.7749, 27.6804,

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

28.7749, 27.6804, 33.1044

Protanopia

26.9829, 27.8177, 34.5190

Deuteranopia

28.1450, 27.5696, 33.1162



Tritanopia

28.6138, 27.6160, 32.2561

Trichromacy



Original Color

28.7749, 27.6804, 33.1044

Protanomaly

27.4874, 27.6456, 34.0244

Deuteranomaly

28.3361, 27.6682, 33.1252

Tritanomaly

28.6941, 27.6481, 32.6784

Monochromacy



Original Color

28.7749, 27.6804, 33.1044

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.5171, 27.9366, 31.5458

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.7749, 27.6804, 33.1044 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(158, 138, 151)` looks like.

```
.text, #text, p{  
    color:rgb(158, 138, 151)  
}
```

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(158, 138, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 138, 151) }
```

Border

The CSS property to change the border of an element to XYZ 28.7749, 27.6804, 33.1044 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(158, 138, 151) }
```


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

```
.border{ border-color:rgb(158, 138, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 138, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 138, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 138, 151);  
box-shadow:4px 4px 4px 4px rgb(158, 138,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 28.7749, 27.6804, 33.1044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 138, 151) }
```

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

```
.background{ background-color: rgb(158,  
138, 151) }
```

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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