

Converting Colors

XYZ(27.7910, 28.8044, 21.8109)

Have a look what the booklet for
XYZ(27.7910, 28.8044, 21.8109)
contains.

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Color

**XYZ(27.6615, 28.6735,
21.8459)**

Conversions

Conversions Part 1

Format	Color
Hex	9F9078
RGB	159, 144, 120
RGB Percent	62%, 56%, 47%
CMY	0.3765, 0.4353, 0.5294
CMYK	0.00, 0.09, 0.25, 0.38
HSL	37°, 17%, 55%
HSV	37°, 25%, 62%
XYZ	27.6615, 28.6735, 21.8459
YIQ	145.7490, 16.6440, -4.2840

Conversions

Conversions Part 2

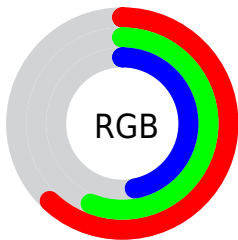
Format	Color
R_{YB}	144, 159, 120
Decimal	10457208
CIE Lab	60.49, 1.64, 14.80
CIE LCh	60, 14.889, 83.684
Yxy	28.6735, 0.3538, 0.3668
Android (android.graphics.Color)	4288647288 (0xFF9F9078)
YUV	145.7490, -12.6943, 11.6211
Hunter-Lab	53.5476, -1.4993, 13.2947

Details

The XYZ color **27.6615, 28.6735, 21.8459** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.6676, 23.8236, 36.2048**, and the grayscale version is **27.2650, 28.6849, 31.2378**.

A 20% lighter version of the original color is **55.3720, 57.6629, 47.2414**, and **11.2034, 11.5861, 7.6071** is the 20% darker color. If you saturate the color by 10%, you get **25.8747, 26.5179, 16.8784**, and if you desaturate by 10%, it is **29.6603, 30.9961, 27.6753**.

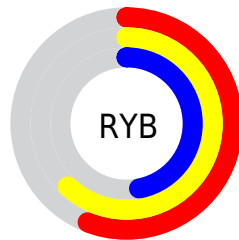
Distribution



Red (62%)

Green (56%)

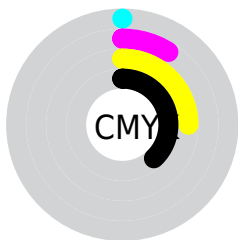
Blue (47%)



Red (56%)

Yellow (62%)

Blue (47%)

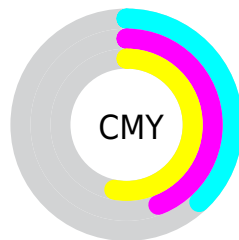


Cyan (0%)

Magenta (9%)

Yellow (25%)

Black (38%)



Cyan (38%)

Magenta (44%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.6615, 28.6735, 21.8459 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 27.6615, 28.6735, 21.8459 by changing the saturation by 10% instead.

■ 27.6615, 28.6735,
21.8459

■ 27.6615, 28.6735,
21.8459

282.9554,
295.6713, 274.6677

■ 18.2098, 18.8340,
13.5465

■ 55.3560, 57.5579,
47.3901

■ 11.2013, 11.5504,
7.6708

■ 74.3295, 77.3716,
65.4719

■ 6.2707, 6.4383,
3.8003

■ 97.2076, 101.2788,
87.6517

■ 3.0526, 3.1134,
1.5164

124.3558,
129.6639, 114.3479

■ 1.1816, 1.1912,
0.2301

156.1392,
162.9113, 145.9790

■ 0.0918, 0.0545,
0.0000

192.9234,

■ 0.0000, 0.0000,

201.4054, 182.9637

0.0000

235.0737,
245.5306, 225.7204

■ 27.6615, 28.6735,
21.8459

■ 27.6615, 28.6735,
21.8459

■ 25.8747, 26.5179,
16.8784

■ 29.6603, 30.9961,
27.6753

■ 24.2889, 24.5207,
12.7291

■ 31.8768, 33.4864,
34.4039

■ 22.8954, 22.6782,
9.3531

■ 34.3196, 36.1498,
42.0688

■ 21.6840, 20.9849,
6.7006

■ 36.9959, 38.9904,
50.7046

■ 20.6434, 19.4349,
4.7157

■ 39.9125, 42.0123,
60.3441

■ 19.7604, 18.0216,
3.3343

■ 43.0761, 45.2190,
71.0185

■ 19.0195, 16.7374,
2.4781

■ 46.4930, 48.6143,
82.7578

■ 18.6527, 16.0802,
2.1207

■ 50.1692, 52.2018,
95.5905

■ 52.7786, 55.4518,
102.5293

Harmonies

Analogous

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



29.4989, 28.6735, 23.4519



27.6615, 28.6735, 21.8459



25.7969, 28.6735, 22.5038

Triad

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



27.6615, 28.6735, 21.8459



24.0100, 28.6735, 35.6636



30.3379, 28.6735, 37.9110

Complementary

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



27.6615, 28.6735, 21.8459



22.6676, 23.8236, 36.2048

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.



28.7635, 28.6735, 41.9397



27.6615, 28.6735, 21.8459



25.1246, 28.6735, 40.5393

Square

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



27.6615, 28.6735, 21.8459



23.7458, 28.6735, 30.0717



26.8491, 28.6735, 42.9539



31.0902, 28.6735, 32.3983

Rectangle

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



27.6615, 28.6735, 21.8459



24.7819, 28.6735, 24.1811



26.8491, 28.6735, 42.9539



29.8838, 28.6735, 39.5086

Sweetspot

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



27.6623, 28.6748, 21.8465



56.0155, 58.7793, 58.3155



25.4304, 22.5704, 26.1603



12.5790, 13.1964, 12.9954



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.



27.6623, 28.6748, 21.8465



47.8859, 49.3769, 34.4670



29.3253, 33.1310, 22.6190



6.9558, 7.2915, 7.0265



14.7737, 12.7831, 1.6887



0.3041, 0.3085, 0.0435

Inverse Universe

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



22.6676, 23.8236, 36.2048



37.4931, 39.2848, 64.3501



21.2725, 20.2142, 35.5816



6.4834, 6.8326, 8.3838



6.3047, 4.7010, 26.4823



0.1522, 0.1631, 0.4867

Previews

White Background



This preview shows how the XYZ color 27.6615, 28.6735, 21.8459 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 27.6615, 28.6735, 21.8459 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 27.6615, 28.6735, 21.8459

Background



This preview shows how black text looks on a background with the XYZ color 27.6615, 28.6735, 21.8459.



This preview shows how white text looks on a background with the XYZ color 27.6615, 28.6735,

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

27.6615, 28.6735, 21.8459

Protanopia

27.0565, 28.8083, 22.2237

Deuteranopia

29.1915, 28.5717, 22.0655



Tritanopia

30.0683, 28.7771, 33.2479

Trichromacy



Original Color

27.6615, 28.6735, 21.8459

Protanomaly

27.2869, 28.6992, 22.1905

Deuteranomaly

28.4931, 28.4296, 22.0749

Tritanomaly

29.1588, 28.6246, 28.7992

Monochromacy



Original Color

27.6615, 28.6735, 21.8459

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.4033, 28.6363, 27.7500

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6615, 28.6735, 21.8459 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(159, 144, 120)` looks like.

```
.text, #text, p{  
    color:rgb(159, 144, 120)  
}
```

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(159, 144, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 144, 120) }
```

Border

The CSS property to change the border of an element to XYZ 27.6615, 28.6735, 21.8459 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(159, 144, 120) }
```


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

```
.border{ border-color:rgb(159, 144, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 144, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 144, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 144, 120);  
box-shadow:4px 4px 4px 4px rgb(159, 144,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6615, 28.6735, 21.8459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 144, 120) }
```

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

```
.background{ background-color: rgb(159,  
144, 120) }
```

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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