

Converting Colors

XYZ(27.5673, 28.3539, 22.1490)

Have a look what the booklet for
XYZ(27.5673, 28.3539, 22.1490)
contains.

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Color

**XYZ(27.5717, 28.3963,
22.1170)**

Conversions

Conversions Part 1

Format	Color
Hex	9F8F79
RGB	159, 143, 121
RGB Percent	62%, 56%, 47%
CMY	0.3765, 0.4392, 0.5255
CMYK	0.00, 0.10, 0.24, 0.38
HSL	35°, 17%, 55%
HSV	35°, 24%, 62%
XYZ	27.5717, 28.3963, 22.1170
YIQ	145.2760, 16.5980, -3.4500

Conversions

Conversions Part 2

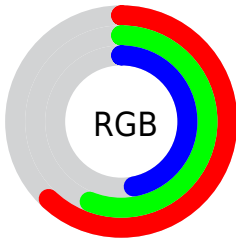
Format	Color
R_{YB}	149, 159, 121
Decimal	10456953
CIE _{Lab}	60.25, 2.34, 13.89
CIE _{LCh}	60, 14.087, 80.418
Yxy	28.3963, 0.3531, 0.3637
Android (android.graphics.Color)	4288647033 (0xFF9F8F79)
YUV	145.2760, -11.9681, 12.0359
Hunter-Lab	53.2882, -0.8971, 12.6937

Details

The XYZ color **27.5717, 28.3963, 22.1170** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.0886, 24.4588, 36.3051**, and the grayscale version is **27.0689, 28.4786, 31.0132**.

A 20% lighter version of the original color is **55.2406, 57.2458, 47.6732**, and **11.1475, 11.4224, 7.7481** is the 20% darker color. If you saturate the color by 10%, you get **25.7011, 26.0889, 17.0729**, and if you desaturate by 10%, it is **29.6645, 30.8905, 28.0287**.

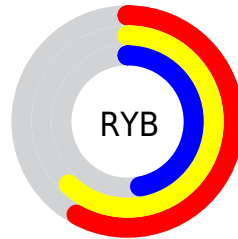
Distribution



Red (62%)

Green (56%)

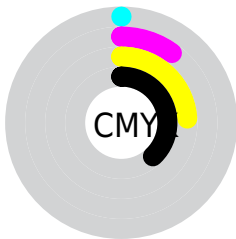
Blue (47%)



Red (58%)

Yellow (62%)

Blue (47%)

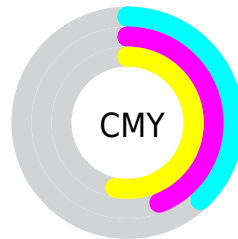


Cyan (0%)

Magenta (10%)

Yellow (24%)

Black (38%)



Cyan (38%)

Magenta (44%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5717, 28.3963, 22.1170 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 27.5717, 28.3963, 22.1170 by changing the saturation by 10% instead.

■ 27.5717, 28.3963,
22.1170

■ 27.5717, 28.3963,
22.1170

282.5320,
294.3558, 276.1301

■ 18.1419, 18.6246,
13.7438

■ 55.2133, 57.1165,
47.8440

■ 11.1522, 11.3993,
7.8060

■ 74.1559, 76.8339,
66.0348

■ 6.2373, 6.3361,
3.8850

■ 97.0000, 100.6352,
88.3352

■ 3.0320, 3.0505,
1.5625

124.1110,
128.9049, 115.1637

■ 1.1707, 1.1582,
0.2638

155.8544,
162.0275, 146.9389

■ 0.0830, 0.0271,
0.0000

192.5955,

■ 0.0000, 0.0000,

200.3872, 184.0794

0.0000

234.6995,
244.3685, 227.0036

■ 27.5717, 28.3963,
22.1170

■ 27.5717, 28.3963,
22.1170

■ 25.7011, 26.0889,
17.0729

■ 29.6645, 30.8905,
28.0287

■ 24.0416, 23.9593,
12.8530

■ 31.9856, 33.5726,
34.8453

■ 22.5843, 22.0031,
9.4125

■ 34.5436, 36.4485,
42.6039

■ 21.3187, 20.2144,
6.7017

■ 37.3461, 39.5230,
51.3389

■ 20.2333, 18.5868,
4.6652

■ 40.3999, 42.8001,
61.0832

■ 19.3149, 17.1133,
3.2392

■ 43.7121, 46.2843,
71.8680

■ 18.5479, 15.7855,
2.3479

■ 47.2890, 49.9794,
83.7231

■ 18.1311, 15.0368,
1.9468

■ 51.1370, 53.8895,
96.6773

■ 53.7617, 57.4182,
102.8570

Harmonies

Analogous

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



29.2622, 28.3963, 23.8735



27.5717, 28.3963, 22.1170



25.7971, 28.3963, 22.5078

Triad

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



27.5717, 28.3963, 22.1170



23.8662, 28.3963, 34.5175



29.7540, 28.3963, 37.6944

Complementary

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



27.5717, 28.3963, 22.1170



23.0886, 24.4588, 36.3051

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.



28.2188, 28.3963, 41.2006



27.5717, 28.3963, 22.1170



24.8383, 28.3963, 39.2293

Square

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



27.5717, 28.3963, 22.1170



23.7103, 28.3963, 29.2935



26.4162, 28.3963, 41.7917



30.5587, 28.3963, 32.6030

Rectangle

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



27.5717, 28.3963, 22.1170



24.8016, 28.3963, 23.9520



26.4162, 28.3963, 41.7917



29.3031, 28.3963, 39.1203

Sweetspot

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



27.5724, 28.3976, 22.1176



55.8929, 58.5341, 58.2747



25.6846, 22.8656, 26.9029



12.5494, 13.1370, 12.9856



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.



27.5724, 28.3976, 22.1176



47.4376, 48.4802, 34.3176



29.6503, 33.2915, 22.9527



6.9359, 7.2519, 7.0199



14.3624, 11.9604, 1.5516



0.2981, 0.2964, 0.0415

Inverse Universe

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



23.0886, 24.4588, 36.3051



37.9046, 40.1079, 64.4873



21.3406, 20.4287, 35.6194



6.5027, 6.8712, 8.3902



6.5646, 5.2207, 26.5689



0.1583, 0.1752, 0.4887

Previews

White Background



This preview shows how the XYZ color 27.5717, 28.3963, 22.1170 looks on a white background.

Color Contrast Check

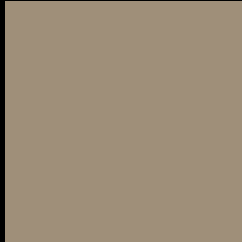
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.5717, 28.3963, 22.1170 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 27.5717, 28.3963, 22.1170

Background



This preview shows how black text looks on a background with the XYZ color 27.5717, 28.3963, 22.1170.



This preview shows how white text looks on a background with the XYZ color 27.5717, 28.3963,

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

27.5717, 28.3963, 22.1170

Protanopia

26.7751, 28.4282, 22.4884

Deuteranopia

29.0394, 28.4861, 22.3802



Tritanopia

29.8419, 28.4538, 32.7735

Trichromacy



Original Color

27.5717, 28.3963, 22.1170

Protanomaly

27.0037, 28.3202, 22.4555

Deuteranomaly

28.5548, 28.4542, 22.3996

Tritanomaly

28.9386, 28.3016, 28.3636

Monochromacy



Original Color

27.5717, 28.3963, 22.1170

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.9949, 28.2081, 27.3145

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5717, 28.3963, 22.1170 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, 143, 121)` looks like.

```
.text, #text, p{  
    color:rgb(159, 143, 121)  
}
```

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, 143, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 143, 121) }
```

Border

The CSS property to change the border of an element to XYZ 27.5717, 28.3963, 22.1170 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, 143, 121) }
```


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

```
.border{ border-color:rgb(159, 143, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 143, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 143, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 143, 121);  
box-shadow:4px 4px 4px 4px rgb(159, 143,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5717, 28.3963, 22.1170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 143, 121) }
```

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

```
.background{ background-color: rgb(159,  
143, 121) }
```

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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