

Converting Colors

XYZ(27.8537, 28.3276, 27.8017)

Have a look what the booklet for
XYZ(27.8537, 28.3276, 27.8017)
contains.

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Color

**XYZ(27.8554, 28.4196,
27.6843)**

Conversions

Conversions Part 1

Format	Color
Hex	9B8F89
RGB	155, 143, 137
RGB Percent	61%, 56%, 54%
CMY	0.3922, 0.4392, 0.4627
CMYK	0.00, 0.08, 0.12, 0.39
HSL	20°, 8%, 57%
HSV	20°, 12%, 61%
XYZ	27.8554, 28.4196, 27.6843
YIQ	145.9040, 9.0780, 0.6780

Conversions

Conversions Part 2

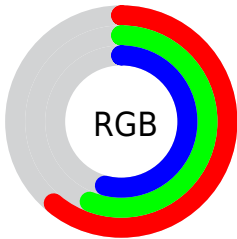
Format	Color
R _Y B	155, 146, 137
Decimal	10194825
CIE Lab	60.27, 3.39, 4.79
CIE LCh	60, 5.866, 54.739
Yxy	28.4196, 0.3318, 0.3385
Android (android.graphics.Color)	4288384905 (0xFF9B8F89)
YUV	145.9040, -4.3897, 7.9772
Hunter-Lab	53.3100, -0.0233, 6.5273

Details

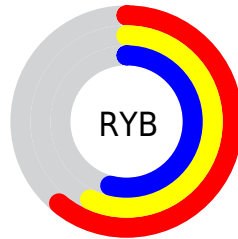
The XYZ color **27.8554, 28.4196, 27.6843** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.9803, 29.1794, 35.2209**, and the grayscale version is **27.2977, 28.7193, 31.2753**.

A 20% lighter version of the original color is **55.8389, 57.3518, 56.8422**, and **11.3436, 11.4599, 10.6309** is the 20% darker color. If you saturate the color by 10%, you get **25.3425, 25.0470, 21.7495**, and if you desaturate by 10%, it is **30.6725, 32.1443, 34.5093**.

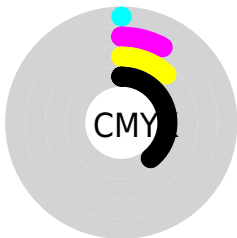
Distribution



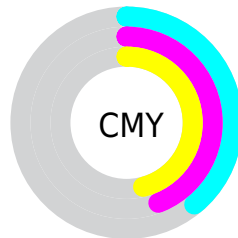
- Red (61%)
- Green (56%)
- Blue (54%)



- Red (61%)
- Yellow (57%)
- Blue (54%)



- Cyan (0%)
- Magenta (8%)
- Yellow (12%)
- Black (39%)



- Cyan (39%)
- Magenta (44%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.8554, 28.4196, 27.6843 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 27.8554, 28.4196, 27.6843 by changing the saturation by 10% instead.

■ 27.8554, 28.4196,
27.6843

■ 27.8554, 28.4196,
27.6843

283.8679,
294.4665, 304.8196

■ 18.3566, 18.6422,
17.8509

■ 55.6638, 57.1537,
56.9970

■ 11.3075, 11.4120,
10.6746

■ 74.7040, 76.8791,
77.3134

■ 6.3429, 6.3447,
5.7371

■ 97.6555, 100.6894,
101.9612

■ 3.0973, 3.0558,
2.6197

124.8834,
128.9688, 131.3588

■ 1.2054, 1.1609,
0.9026

156.7533,
162.1019, 165.9250

■ 0.1107, 0.0294,
0.0000

193.6305,

■ 0.0000, 0.0000,

200.4729, 206.0781

0.0000

235.8802,
244.4663, 252.2368

■ 27.8554, 28.4196,
27.6843

■ 27.8554, 28.4196,
27.6843

■ 25.3425, 25.0470,
21.7495

■ 30.6725, 32.1443,
34.5093

■ 23.1209, 22.0124,
16.6661

■ 33.8015, 36.2273,
42.2574

■ 21.1799, 19.3061,
12.3951

■ 37.2527, 40.6794,
50.9623

■ 19.5077, 16.9165,
8.8938

■ 41.0354, 45.5096,
60.6551

■ 18.0911, 14.8315,
6.1153

■ 45.1583, 50.7269,
71.3658

■ 16.9161, 13.0379,
4.0079

■ 49.6298, 56.3398,
83.1230

■ 15.9667, 11.5216,
2.5126

■ 54.4582, 62.3565,
95.9540

■ 15.2249, 10.2668,
1.5600

■ 58.6696, 68.3924,
104.7166

■ 14.7319, 9.3971,
1.0374

■ 61.5584, 74.1699,
105.6795

Harmonies

Analogous

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



28.3467, 28.4196, 29.2432



27.8554, 28.4196, 27.6843



27.1448, 28.4196, 27.0007

Triad

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



27.8554, 28.4196, 27.6843



25.5975, 28.4196, 30.5659



27.6216, 28.4196, 34.8598

Complementary

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



27.8554, 28.4196, 27.6843



26.9803, 29.1794, 35.2209

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.



26.8796, 28.4196, 35.2539



27.8554, 28.4196, 27.6843



25.7198, 28.4196, 32.7097

Square

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



27.8554, 28.4196, 27.6843



25.8484, 28.4196, 28.6144



26.1858, 28.4196, 34.4503



28.2100, 28.4196, 33.3970

Rectangle

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



27.8554, 28.4196, 27.6843



26.6458, 28.4196, 27.1094



26.1858, 28.4196, 34.4503



27.3815, 28.4196, 35.1244

Sweetspot

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



27.8562, 28.4209, 27.6849



54.1671, 56.5629, 59.9339



27.8884, 27.0302, 32.1816



12.1688, 12.6821, 13.3420



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



27.8562, 28.4209, 27.6849



48.6372, 49.2304, 46.5995



29.2615, 31.2316, 28.1534



6.3687, 6.5425, 6.5330



11.8648, 7.6120, 0.8439



0.2085, 0.1760, 0.0230

Inverse Universe

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



26.9803, 29.1794, 35.2209



46.7434, 50.8696, 62.8915



25.6114, 26.4415, 34.7646



6.2109, 6.6792, 7.8908



8.7086, 9.8139, 26.3430



0.1633, 0.2129, 0.4049

Previews

White Background



This preview shows how the XYZ color 27.8554, 28.4196, 27.6843 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 27.8554, 28.4196, 27.6843 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

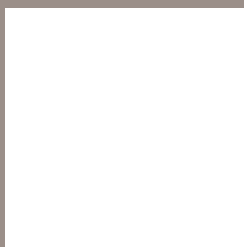
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.8554, 28.4196, 27.6843

Background



This preview shows how black text looks on a background with the XYZ color 27.8554, 28.4196, 27.6843.



This preview shows how white text looks on a background with the XYZ color 27.8554, 28.4196,

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

27.8554, 28.4196, 27.6843

Protanopia

27.2905, 28.5698, 28.1209

Deuteranopia

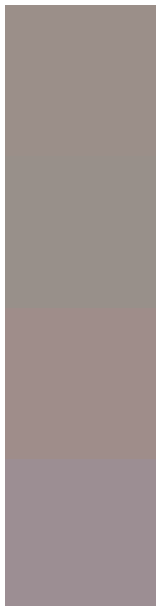
28.8658, 28.2725, 27.9805



Tritanopia

29.0970, 28.4848, 33.6703

Trichromacy



Original Color

27.8554, 28.4196, 27.6843

Protanomaly

27.5096, 28.4569, 28.0876

Deuteranomaly

28.4104, 28.2557, 28.0013

Tritanomaly

28.6498, 28.5205, 31.5988

Monochromacy



Original Color

27.8554, 28.4196, 27.6843

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.4778, 28.6235, 30.0633

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.8554, 28.4196, 27.6843 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(155, 143, 137) looks like.

```
.text, #text, p{  
    color:rgb(155, 143, 137)  
}
```

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(155, 143, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 143, 137) }
```

Border

The CSS property to change the border of an element to XYZ 27.8554, 28.4196, 27.6843 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(155, 143, 137) }
```


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

```
.border{ border-color:rgb(155, 143, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 143, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 143, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 143, 137);  
box-shadow:4px 4px 4px 4px rgb(155, 143,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 27.8554, 28.4196, 27.6843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 143, 137) }
```

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

```
.background{ background-color: rgb(155,  
143, 137) }
```

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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