

Converting Colors

XYZ(27.3008, 26.1898, 28.1208)

Have a look what the booklet for
XYZ(27.3008, 26.1898, 28.1208)
contains.

XYZ(27.2858, 26.1834, 28.0419)	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(27.2858, 26.1834,
28.0419)**

Conversions

Conversions Part 1

Format	Color
Hex	9E868B
RGB	158, 134, 139
RGB Percent	62%, 53%, 55%
CMY	0.3804, 0.4745, 0.4549
CMYK	0.00, 0.15, 0.12, 0.38
HSL	348°, 11%, 57%
HSV	348°, 15%, 62%
XYZ	27.2858, 26.1834, 28.0419
YIQ	141.7460, 12.6990, 6.6430

Conversions

Conversions Part 2

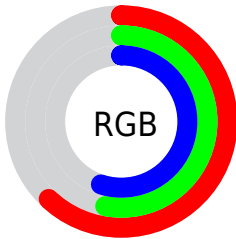
Format	Color
R_{YB}	158, 134, 139
Decimal	10389131
CIE _{Lab}	58.21, 9.97, 0.70
CIE _{LCh}	58, 9.991, 4.035
Yxy	26.1834, 0.3347, 0.3212
Android (android.graphics.Color)	4288579211 (0xFF9E868B)
YUV	141.7460, -1.3538, 14.2548
Hunter-Lab	51.1697, 5.6365, 3.3268

Details

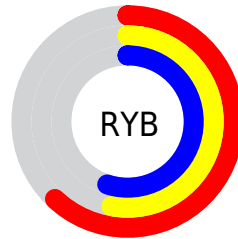
The XYZ color **27.2858, 26.1834, 28.0419** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.8091, 31.8225, 34.8151**, and the grayscale version is **25.6131, 26.9470, 29.3452**.

A 20% lighter version of the original color is **54.7253, 53.4926, 57.3099**, and **10.9174, 10.1261, 10.8303** is the 20% darker color. If you saturate the color by 10%, you get **24.4008, 21.7932, 22.8257**, and if you desaturate by 10%, it is **30.6032, 31.2704, 33.9190**.

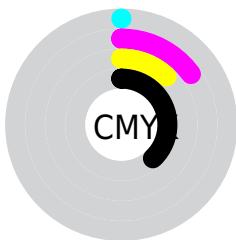
Distribution



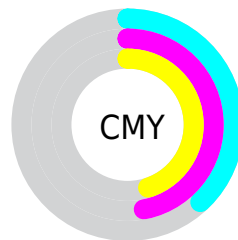
- Red (62%)
- Green (53%)
- Blue (55%)



- Red (62%)
- Yellow (53%)
- Blue (55%)



- Cyan (0%)
- Magenta (15%)
- Yellow (12%)
- Black (38%)



- Cyan (38%)
- Magenta (47%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2858, 26.1834, 28.0419 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 27.2858, 26.1834, 28.0419 by changing the saturation by 10% instead.

■ 27.2858, 26.1834,
28.0419

■ 27.2858, 26.1834,
28.0419

281.1806,
283.6812, 306.5853

■ 17.9257, 16.9609,
18.1179

■ 54.7588, 53.5707,
57.5752

■ 10.9960, 10.2066,
10.8644

■ 73.6024, 72.5042,
78.0217

■ 6.1314, 5.5362,
5.8627

■ 96.3379, 95.4436,
102.8127

■ 2.9666, 2.5652,
2.6943

123.3305,
122.7731, 132.3668

■ 1.1361, 0.9092,
0.9406

154.9458,
154.8773, 167.1026

■ 0.0550, 0.0000,
0.0000

191.5490,

■ 0.0000, 0.0000,

192.1404, 207.4386

0.0000

233.5055,
234.9469, 253.7933

■ 27.2858, 26.1834,
28.0419

■ 27.2858, 26.1834,
28.0419

■ 24.4008, 21.7932,
22.8257

■ 30.6032, 31.2704,
33.9190

■ 21.9280, 18.0660,
18.2454

■ 34.3677, 37.0789,
40.4774

■ 19.8490, 14.9704,
14.2768

■ 38.5959, 43.6371,
47.7387

■ 18.1429, 12.4713,
10.8937

■ 43.3030, 50.9703,
55.7231

■ 16.7872, 10.5300,
8.0678

■ 48.5034, 59.1027,
64.4499

■ 15.7566, 9.1031,
5.7684

■ 54.2111, 68.0576,
73.9378

■ 15.0222, 8.1409,
3.9617

■ 60.4393, 77.8571,
84.2047

■ 14.5480, 7.5802,
2.6090

■ 65.4524, 85.0258,
94.6852

■ 14.3737, 7.3784,
2.0982

■ 67.3663, 85.7914,
104.7638

Harmonies

Analogous

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



27.0424, 26.1834, 31.5342



27.2858, 26.1834, 28.0419



26.8693, 26.1834, 24.9324

Triad

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



27.2858, 26.1834, 28.0419



23.6041, 26.1834, 23.3255



23.8795, 26.1834, 34.9447

Complementary

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



27.2858, 26.1834, 28.0419



27.8091, 31.8225, 34.8151

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.



23.0038, 26.1834, 32.4128



27.2858, 26.1834, 28.0419



22.8484, 26.1834, 25.6843

Square

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



27.2858, 26.1834, 28.0419



24.7228, 26.1834, 22.3530



22.6322, 26.1834, 28.9818



25.0510, 26.1834, 35.7032

Rectangle

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



27.2858, 26.1834, 28.0419



26.2813, 26.1834, 23.4385



22.6322, 26.1834, 28.9818



23.5421, 26.1834, 34.2632

Sweetspot

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



27.2865, 26.1846, 28.0425



55.6329, 56.8754, 61.6979



27.7966, 26.2729, 35.9540



12.4467, 12.6754, 13.7417



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.



27.2865, 26.1846, 28.0425



47.8107, 44.8937, 47.7995



27.8998, 27.9822, 26.4864



6.6868, 6.6676, 7.2016



11.5241, 5.9142, 1.7449



0.2194, 0.1111, 0.1014

Inverse Universe

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



27.2865, 26.1846, 28.0425



47.8107, 44.8937, 47.7995



27.1028, 29.7354, 36.6589



6.6868, 6.6676, 7.2016



11.5241, 5.9142, 1.7449



0.2194, 0.1111, 0.1014

Previews

White Background



This preview shows how the XYZ color 27.2858, 26.1834, 28.0419 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 27.2858, 26.1834, 28.0419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

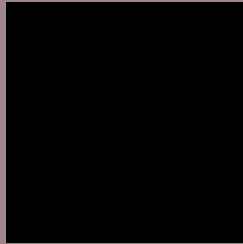
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.2858, 26.1834, 28.0419

Background



This preview shows how black text looks on a background with the XYZ color 27.2858, 26.1834, 28.0419.



This preview shows how white text looks on a background with the XYZ color 27.2858, 26.1834,

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

27.2858, 26.1834, 28.0419

Protanopia

25.2704, 26.1690, 29.3104

Deuteranopia

26.7908, 26.3424, 28.0987



Tritanopia

27.7196, 26.1596, 29.9739

Trichromacy



Original Color

27.2858, 26.1834, 28.0419

Protanomaly

25.9661, 26.1103, 28.8705

Deuteranomaly

26.8417, 26.1606, 28.0609

Tritanomaly

27.5681, 26.0990, 29.1758

Monochromacy



Original Color

27.2858, 26.1834, 28.0419

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.2531, 26.6842, 28.9662

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2858, 26.1834, 28.0419 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, 134, 139) looks like.

```
.text, #text, p{  
    color:rgb(158, 134, 139)  
}
```

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, 134, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 134, 139) }
```

Border

The CSS property to change the border of an element to XYZ 27.2858, 26.1834, 28.0419 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, 134, 139) }
```


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

```
.border{ border-color:rgb(158, 134, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 134, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 134, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 134, 139);  
box-shadow:4px 4px 4px 4px rgb(158, 134,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2858, 26.1834, 28.0419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 134, 139) }
```

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

```
.background{ background-color: rgb(158,  
134, 139) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor