

Converting Colors

XYZ(27.2242, 28.1612, 29.1860)

Have a look what the booklet for
XYZ(27.2242, 28.1612, 29.1860)
contains.

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Color

**XYZ(27.2079, 28.0520,
29.1799)**

Conversions

Conversions Part 1

Format	Color
Hex	968F8D
RGB	150, 143, 141
RGB Percent	59%, 56%, 55%
CMY	0.4118, 0.4392, 0.4471
CMYK	0.00, 0.05, 0.06, 0.41
HSL	13°, 4%, 57%
HSV	13°, 6%, 59%
XYZ	27.2079, 28.0520, 29.1799
YIQ	144.8650, 4.8140, 0.8620

Conversions

Conversions Part 2

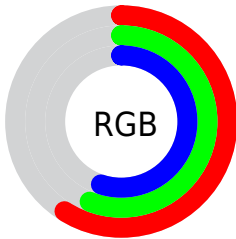
Format	Color
R_{YB}	150, 144, 141
Decimal	9867149
CIE _{Lab}	59.94, 2.22, 1.98
CIE _{LCh}	60, 2.971, 41.756
Yxy	28.0520, 0.3222, 0.3322
Android (android.graphics.Color)	4288057229 (0xFF968F8D)
YUV	144.8650, -1.9054, 4.5034
Hunter-Lab	52.9641, -0.9910, 4.4098

Details

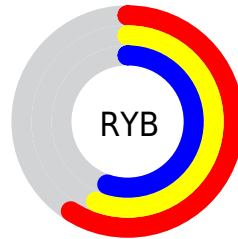
The XYZ color **27.2079, 28.0520, 29.1799** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.0796, 29.0443, 33.0336**, and the grayscale version is **26.8656, 28.2647, 30.7803**.

A 20% lighter version of the original color is **54.7184, 56.7100, 59.6919**, and **10.9483, 11.2367, 11.4894** is the 20% darker color. If you saturate the color by 10%, you get **24.5060, 24.3147, 23.1406**, and if you desaturate by 10%, it is **30.2447, 32.2163, 36.0773**.

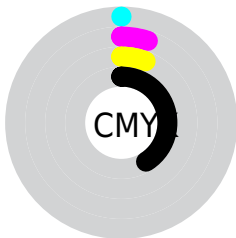
Distribution



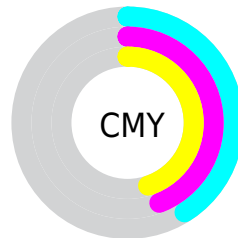
- Red (59%)
- Green (56%)
- Blue (55%)



- Red (59%)
- Yellow (56%)
- Blue (55%)



- Cyan (0%)
- Magenta (5%)
- Yellow (6%)
- Black (41%)



- Cyan (41%)
- Magenta (44%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2079, 28.0520, 29.1799 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 27.2079, 28.0520, 29.1799 by changing the saturation by 10% instead.

■ 27.2079, 28.0520,
29.1799

■ 27.2079, 28.0520,
29.1799

280.8116,
292.7153, 312.1503

■ 17.8668, 18.3649,
18.9702

■ 54.6348, 56.5675,
59.4084

■ 10.9535, 11.2123,
11.4722

■ 73.4514, 76.1646,
80.2642

■ 6.1027, 6.2098,
6.2672

■ 96.1572, 99.8338,
105.5059

■ 2.9489, 2.9731,
2.9368

123.1175,
127.9595, 135.5519

■ 1.1268, 1.1177,
1.0625

154.6978,
160.9261, 170.8208

■ 0.0473, 0.0000,
0.0000

191.2633,

■ 0.0000, 0.0000,

199.1180, 211.7312

0.0000

233.1794,
242.9196, 258.7015

■ 27.2079, 28.0520,
29.1799

■ 27.2079, 28.0520,
29.1799

■ 24.5060, 24.3147,
23.1406

■ 30.2447, 32.2163,
36.0773

■ 22.1249, 20.9874,
17.9240

■ 33.6249, 36.8168,
43.8629

■ 20.0534, 18.0569,
13.4949

■ 37.3599, 41.8671,
52.5673

■ 18.2782, 15.5083,
9.8147

■ 41.4596, 47.3790,
62.2193

■ 16.7853, 13.3256,
6.8417

■ 45.9337, 53.3639,
72.8462

■ 15.5597, 11.4916,
4.5300

■ 50.7915, 59.8328,
84.4746

■ 14.5845, 9.9879,
2.8282

■ 56.0419, 66.7963,
97.1297

■ 13.8411, 8.7939,
1.6774

■ 60.7119, 73.8721,
105.6666

■ 13.3051, 7.8859,
0.9932

■ 64.1861, 80.8206,
106.8247

Harmonies

Analogous

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



27.3798, 28.0520, 30.1222



27.2079, 28.0520, 29.1799



26.8905, 28.0520, 28.6113

Triad

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



27.2079, 28.0520, 29.1799



25.9789, 28.0520, 29.8975



26.8108, 28.0520, 32.6252

Complementary

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



27.2079, 28.0520, 29.1799



27.0796, 29.0443, 33.0336

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.



26.4359, 28.0520, 32.5616



27.2079, 28.0520, 29.1799



25.9580, 28.0520, 30.9695

Square

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



27.2079, 28.0520, 29.1799



26.1820, 28.0520, 29.0188



26.1246, 28.0520, 31.9497



27.1490, 28.0520, 32.1215

Rectangle

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



27.2079, 28.0520, 29.1799



26.6403, 28.0520, 28.5122



26.1246, 28.0520, 31.9497



26.6848, 28.0520, 32.6698

Sweetspot

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



27.2087, 28.0532, 29.1805



50.0670, 52.3257, 56.1327



27.4523, 27.6740, 31.9330



11.1107, 11.6169, 12.4741



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



27.2087, 28.0532, 29.1805



47.4445, 48.7188, 50.2082



27.8897, 29.4153, 29.4075



6.0143, 6.1711, 6.3484



10.9122, 6.3387, 0.6484



0.1523, 0.1151, 0.0142

Inverse Universe

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



27.0796, 29.0443, 33.0336



47.1753, 50.7840, 58.2371



26.3952, 27.6757, 32.8055



5.9792, 6.4410, 7.3978



9.8302, 12.3553, 25.7977



0.1420, 0.1945, 0.3230

Previews

White Background



This preview shows how the XYZ color 27.2079, 28.0520, 29.1799 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 27.2079, 28.0520, 29.1799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

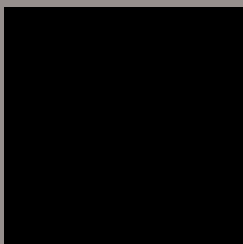
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

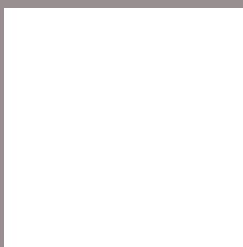
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.2079, 28.0520, 29.1799

Background



This preview shows how black text looks on a background with the XYZ color 27.2079, 28.0520, 29.1799.



This preview shows how white text looks on a background with the XYZ color 27.2079, 28.0520,

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

27.2079, 28.0520, 29.1799

Protanopia

26.9937, 28.1655, 29.2131

Deuteranopia

28.5586, 28.0801, 29.5060



Tritanopia

28.1413, 27.9922, 33.6256

Trichromacy



Original Color

27.2079, 28.0520, 29.1799

Protanomaly

27.1754, 28.2592, 29.2216

Deuteranomaly

28.1177, 28.0707, 29.5274

Tritanomaly

27.7808, 28.0634, 31.9696

Monochromacy



Original Color

27.2079, 28.0520, 29.1799

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.0399, 28.1632, 30.3964

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2079, 28.0520, 29.1799 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(150, 143, 141)` looks like.

```
.text, #text, p{  
    color:rgb(150, 143, 141)  
}
```

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(150, 143, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 143, 141) }
```

Border

The CSS property to change the border of an element to XYZ 27.2079, 28.0520, 29.1799 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(150, 143, 141) }
```


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

```
.border{ border-color:rgb(150, 143, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 143, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 143, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 143, 141);  
box-shadow:4px 4px 4px 4px rgb(150, 143,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2079, 28.0520, 29.1799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 143, 141) }
```

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

```
.background{ background-color: rgb(150,  
143, 141) }
```

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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