

Converting Colors

XYZ(27.2370, 29.0901, 29.4690)

Have a look what the booklet for
XYZ(27.2370, 29.0901, 29.4690)
contains.

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Color

**XYZ(27.2517, 29.2139,
29.4018)**

Conversions

Conversions Part 1

Format	Color
Hex	92948D
RGB	146, 148, 141
RGB Percent	57%, 58%, 55%
CMY	0.4274, 0.4196, 0.4471
CMYK	0.01, 0.00, 0.05, 0.42
HSL	77°, 3%, 57%
HSV	77°, 5%, 58%
XYZ	27.2517, 29.2139, 29.4018
YIQ	146.6040, 1.0550, -2.6010

Conversions

Conversions Part 2

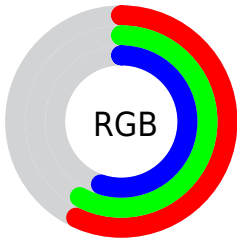
Format	Color
RYB	141, 148, 143
Decimal	9606285
CIELab	60.97, -2.06, 3.44
CIElCh	61, 4.009, 121.006
Yxy	29.2139, 0.3174, 0.3402
Android (android.graphics.Color)	4287796365 (0xFF92948D)
YUV	146.6040, -2.7628, -0.5297
Hunter-Lab	54.0499, -4.5884, 5.5826

Details

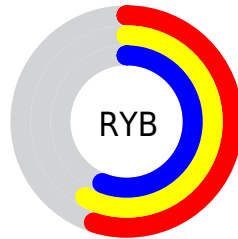
The XYZ color **27.2517, 29.2139, 29.4018** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.1989, 27.0283, 31.8546**, and the grayscale version is **27.5812, 29.0175, 31.6001**.

A 20% lighter version of the original color is **54.7903, 58.4606, 60.0260**, and **10.9869, 11.7915, 11.5944** is the 20% darker color. If you saturate the color by 10%, you get **25.4849, 28.4228, 23.9496**, and if you desaturate by 10%, it is **29.1952, 30.0808, 35.6318**.

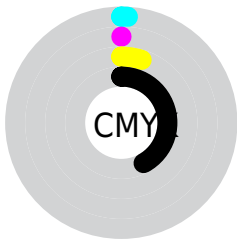
Distribution



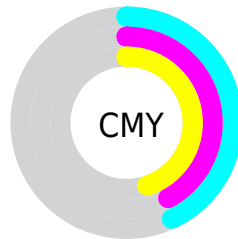
- Red (57%)
- Green (58%)
- Blue (55%)



- Red (55%)
- Yellow (58%)
- Blue (56%)



- Cyan (1%)
- Magenta (0%)
- Yellow (5%)
- Black (42%)



- Cyan (43%)
- Magenta (42%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2517, 29.2139, 29.4018 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 27.2517, 29.2139, 29.4018 by changing the saturation by 10% instead.

■ 27.2517, 29.2139,
29.4018

■ 27.2517, 29.2139,
29.4018

281.0191,
298.2229, 313.2261

■ 17.8999, 19.2427,
19.1368

■ 54.7045, 58.4168,
59.7646

■ 10.9774, 11.8458,
11.5914

■ 73.5363, 78.4172,
80.6996

■ 6.1188, 6.6387,
6.3469

■ 96.2588, 102.5295,
106.0282

■ 2.9588, 3.2372,
2.9850

123.2373,
131.1381, 136.1691

■ 1.1320, 1.2568,
1.0870

154.8372,
164.6273, 171.5408

■ 0.0517, 0.1074,
0.0000

191.4240,

■ 0.0000, 0.0000,

203.3816, 212.5618

0.0000

233.3628,
247.7853, 259.6508

■ 27.2517, 29.2139,
29.4018

■ 27.2517, 29.2139,
29.4018

■ 25.4849, 28.4228,
23.9496

■ 29.1952, 30.0808,
35.6318

■ 23.8864, 27.7012,
19.2427

■ 31.3186, 31.0220,
42.6665

■ 22.4503, 27.0478,
15.2492

■ 33.6284, 32.0410,
50.5339

■ 21.1698, 26.4597,
11.9342

■ 36.1298, 33.1399,
59.2601

■ 20.0373, 25.9339,
9.2597

■ 38.8277, 34.3208,
68.8701

■ 19.0447, 25.4671,
7.1842

■ 41.7271, 35.5857,
79.3876

■ 18.1827, 25.0556,
5.6611

■ 44.8324, 36.9364,
90.8358

■ 17.4410, 24.6951,
4.6371

■ 47.4309, 38.0878,
99.4595

■ 16.8062, 24.3803,
4.0440

■ 48.4305, 38.6031,
99.5063

Harmonies

Analogous

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



27.7493, 29.2139, 29.0131



27.2517, 29.2139, 29.4018



26.8959, 29.2139, 30.4322

Triad

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



27.2517, 29.2139, 29.4018



27.2819, 29.2139, 34.3973



28.7855, 29.2139, 31.7584

Complementary

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



27.2517, 29.2139, 29.4018



26.1989, 27.0283, 31.8546

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.



28.6566, 29.2139, 33.2267



27.2517, 29.2139, 29.4018



27.7846, 29.2139, 34.7789

Square

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



27.2517, 29.2139, 29.4018



26.9132, 29.2139, 33.3170



28.2886, 29.2139, 34.3441



28.6386, 29.2139, 30.3471

Rectangle

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



27.2517, 29.2139, 29.4018



26.7847, 29.2139, 31.3605



28.2886, 29.2139, 34.3441



28.7729, 29.2139, 32.2617

Sweetspot

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



27.2525, 29.2152, 29.4024



49.3186, 52.0974, 55.7929



26.8414, 27.8598, 29.1625



11.2633, 11.8949, 12.7520



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.



27.2525, 29.2152, 29.4024



47.6319, 51.3442, 50.4599



26.6427, 28.9008, 29.3739



6.2202, 6.7136, 6.5614



14.1170, 20.7055, 3.2525



0.2019, 0.2684, 0.0412

Inverse Universe

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



26.1989, 27.0283, 31.8546



45.2493, 46.3986, 56.0055



26.8113, 27.3440, 31.8833



5.8927, 6.0337, 7.3238



5.4169, 2.2651, 24.0827



0.0924, 0.0412, 0.2960

Previews

White Background



This preview shows how the XYZ color 27.2517, 29.2139, 29.4018 looks on a white background.

Color Contrast Check

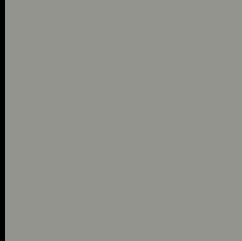
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.2517, 29.2139, 29.4018 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

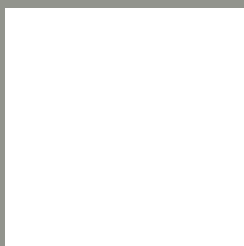
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.2517, 29.2139, 29.4018

Background



This preview shows how black text looks on a background with the XYZ color 27.2517, 29.2139, 29.4018.



This preview shows how white text looks on a background with the XYZ color 27.2517, 29.2139,

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

27.2517, 29.2139, 29.4018

Protanopia

27.7750, 29.0305, 28.9505

Deuteranopia

29.6597, 29.0855, 29.6420



Tritanopia

28.5774, 29.2880, 36.0452

Trichromacy



Original Color

27.2517, 29.2139, 29.4018

Protanomaly

27.5618, 29.1504, 28.9849

Deuteranomaly

28.7604, 29.0676, 29.6860

Tritanomaly

28.0523, 29.3048, 33.4560

Monochromacy



Original Color

27.2517, 29.2139, 29.4018

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.5772, 29.1148, 30.9543

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2517, 29.2139, 29.4018 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(146, 148, 141) looks like.

```
.text, #text, p{  
    color:rgb(146, 148, 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(146, 148, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 148, 141) }
```

Border

The CSS property to change the border of an element to XYZ 27.2517, 29.2139, 29.4018 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(146, 148, 141) }
```


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

```
.border{ border-color:rgb(146, 148, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 148, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 148, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 148, 141);  
box-shadow:4px 4px 4px 4px rgb(146, 148,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2517, 29.2139, 29.4018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 148, 141) }
```

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

```
.background{ background-color: rgb(146,  
148, 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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