

Converting Colors

XYZ(27.8919, 30.3486, 29.5876)

Have a look what the booklet for
XYZ(27.8919, 30.3486, 29.5876)
contains.

XYZ(27.9069, 30.2593, 29.5691)	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(27.9069, 30.2593,
29.5691)**

Conversions

Conversions Part 1

Format	Color
Hex	93978D
RGB	147, 151, 141
RGB Percent	58%, 59%, 55%
CMY	0.4235, 0.4078, 0.4471
CMYK	0.03, 0.00, 0.07, 0.41
HSL	84°, 5%, 57%
HSV	84°, 7%, 59%
XYZ	27.9069, 30.2593, 29.5691
YIQ	148.6640, 0.8260, -3.9580

Conversions

Conversions Part 2

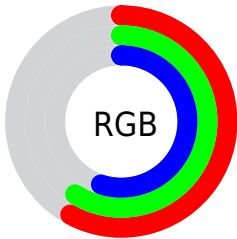
Format	Color
RYB	141, 151, 145
Decimal	9672589
CIELab	61.88, -3.35, 4.76
CIELCh	62, 5.820, 125.200
Yxy	30.2593, 0.3181, 0.3449
Android (android.graphics.Color)	4287862669 (0xFF93978D)
YUV	148.6640, -3.7784, -1.4593
Hunter-Lab	55.0085, -5.7081, 6.6353

Details

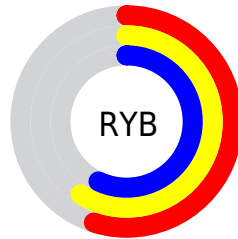
The XYZ color **27.9069, 30.2593, 29.5691** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.7890, 27.3047, 33.1381**, and the grayscale version is **28.4417, 29.9229, 32.5860**.

A 20% lighter version of the original color is **55.7690, 60.0203, 60.2755**, and **11.2694, 12.3565, 11.6886** is the 20% darker color. If you saturate the color by 10%, you get **25.8040, 29.2972, 24.0000**, and if you desaturate by 10%, it is **30.2217, 31.3147, 35.9491**.

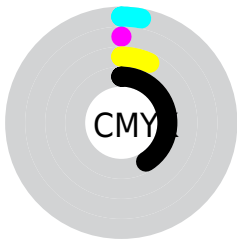
Distribution



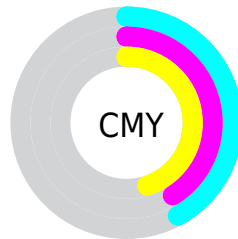
- Red (58%)
- Green (59%)
- Blue (55%)



- Red (55%)
- Yellow (59%)
- Blue (57%)



- Cyan (3%)
- Magenta (0%)
- Yellow (7%)
- Black (41%)



- Cyan (42%)
- Magenta (41%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.9069, 30.2593, 29.5691 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 27.9069, 30.2593, 29.5691 by changing the saturation by 10% instead.

■ 27.9069, 30.2593,
29.5691

■ 27.9069, 30.2593,
29.5691

284.1099,
303.1112, 314.0353

■ 18.3956, 20.0355,
19.2625

■ 55.7455, 60.0720,
60.0330

■ 11.3358, 12.4208,
11.6814

■ 74.8034, 80.4297,
81.0273

■ 6.3621, 7.0310,
6.4072

■ 97.7743, 104.9341,
106.4214

■ 3.1092, 3.4815,
3.0215

125.0234,
133.9697, 136.6336

■ 1.2118, 1.3880,
1.1056

156.9162,
167.9208, 172.0825

■ 0.1156, 0.2078,
0.0000

193.8180,

■ 0.0000, 0.0000,

207.1718, 213.1868

0.0000

236.0941,
252.1072, 260.3649

■ 27.9069, 30.2593,
29.5691

■ 27.9069, 30.2593,
29.5691

■ 25.8040, 29.2972,
24.0000

■ 30.2217, 31.3147,
35.9491

■ 23.9034, 28.4215,
19.2074

■ 32.7525, 32.4622,
43.1687

■ 22.1984, 27.6304,
15.1573


■ 35.5064, 33.7057,
51.2575


■ 20.6812, 26.9208,
11.8123


■ 38.4896, 35.0478,
60.2433


■ 19.3431, 26.2889,
9.1320


■ 41.7078, 36.4909,
70.1524

 18.1747, 25.7309,
7.0716


 45.1666, 38.0372,
81.0102


 17.1654, 25.2426,
5.5810

 48.8714, 39.6891,
92.8411

 16.3033, 24.8189,
4.6024

 51.7123, 41.0026,
99.7965

 15.5702, 24.4525,
4.0456

 53.3093, 41.8259,
99.8712

Harmonies

Analogous

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



28.6252, 30.2593, 28.8624



27.9069, 30.2593, 29.5691



27.4239, 30.2593, 31.1828

Triad

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



27.9069, 30.2593, 29.5691



28.1377, 30.2593, 36.9911



30.2761, 30.2593, 32.5605

Complementary

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



27.9069, 30.2593, 29.5691



26.7890, 27.3047, 33.1381

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.



30.1399, 30.2593, 34.7771



27.9069, 30.2593, 29.5691



28.8963, 30.2593, 37.4004

Square

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



27.9069, 30.2593, 29.5691



27.5555, 30.2593, 35.4788



29.6314, 30.2593, 36.5733



30.0003, 30.2593, 30.5390

Rectangle

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



27.9069, 30.2593, 29.5691



27.2956, 30.2593, 32.5900



29.6314, 30.2593, 36.5733



30.2771, 30.2593, 33.3070

Sweetspot

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



27.9077, 30.2606, 29.5698



51.8288, 55.0351, 58.0064



27.6967, 28.7542, 29.2901



11.7917, 12.5141, 13.2163



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



27.9077, 30.2606, 29.5698



49.3739, 53.9148, 51.3280



27.0306, 29.8084, 29.5287



6.4695, 7.0995, 6.6352



13.0818, 20.7198, 3.3098



0.2365, 0.3308, 0.0514

Inverse Universe

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



26.7890, 27.3047, 33.1381



46.9309, 47.4596, 59.1208



27.6896, 27.7689, 33.1802



6.1068, 6.1409, 7.7924



6.3901, 2.7453, 25.1008



0.1349, 0.0613, 0.3771

Previews

White Background



This preview shows how the XYZ color 27.9069, 30.2593, 29.5691 looks on a white background.

Color Contrast Check

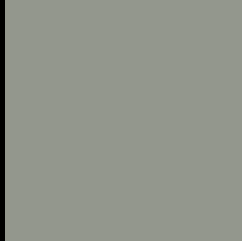
Large Text (above 18pt) WCAG AA × Fail

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 27.9069, 30.2593, 29.5691 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 ✓ Pass

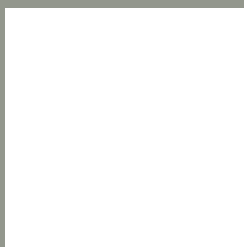
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.9069, 30.2593, 29.5691

Background



This preview shows how black text looks on a background with the XYZ color 27.9069, 30.2593, 29.5691.



This preview shows how white text looks on a background with the XYZ color 27.9069, 30.2593,

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

27.9069, 30.2593, 29.5691

Protanopia

28.8075, 30.2584, 29.1331

Deuteranopia

30.5816, 30.0065, 29.7712



Tritanopia

29.5127, 30.2019, 37.5318

Trichromacy



Original Color

27.9069, 30.2593, 29.5691

Protanomaly

28.4025, 30.2855, 29.1596

Deuteranomaly

29.6143, 30.1914, 29.8579

Tritanomaly

28.8916, 30.1844, 34.4404

Monochromacy



Original Color

27.9069, 30.2593, 29.5691

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.3074, 30.1839, 31.5282

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9069, 30.2593, 29.5691 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(147, 151, 141)` looks like.

```
.text, #text, p{  
    color:rgb(147, 151, 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(147, 151, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 151, 141) }
```

Border

The CSS property to change the border of an element to XYZ 27.9069, 30.2593, 29.5691 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(147, 151, 141) }
```


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

```
.border{ border-color:rgb(147, 151, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 151, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 151, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 151, 141);  
box-shadow:4px 4px 4px 4px rgb(147, 151,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9069, 30.2593, 29.5691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 151, 141) }
```

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

```
.background{ background-color: rgb(147,  
151, 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](#).

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