

Converting Colors

XYZ(27.4858, 29.4014, 37.0170)

Have a look what the booklet for
XYZ(27.4858, 29.4014, 37.0170)
contains.

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Color

**XYZ(27.4867, 29.4014,
37.0272)**

Conversions

Conversions Part 1

Format	Color
Hex	8A959F
RGB	138, 149, 159
RGB Percent	54%, 58%, 62%
CMY	0.4588, 0.4157, 0.3765
CMYK	0.13, 0.06, 0.00, 0.38
HSL	209°, 10%, 58%
HSV	209°, 13%, 62%
XYZ	27.4867, 29.4014, 37.0272
YIQ	146.8510, -9.7660, 0.7780

Conversions

Conversions Part 2

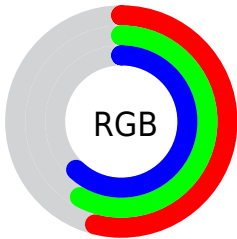
Format	Color
R_{YB}	138, 145, 159
Decimal	9082271
CIE _{Lab}	61.13, -1.83, -6.61
CIE _{LCh}	61, 6.857, 254.538
Yxy	29.4014, 0.2927, 0.3131
Android (android.graphics.Color)	4287272351 (0xFF8A959F)
YUV	146.8510, 5.9895, -7.7623
Hunter-Lab	54.2231, -4.4053, -2.5311

Details

The XYZ color **27.4867, 29.4014, 37.0272** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **29.4756, 30.3855, 28.3568**, and the grayscale version is **27.6513, 29.0913, 31.6804**.

A 20% lighter version of the original color is **55.2318, 58.7734, 72.0517**, and **11.0990, 11.8928, 15.8979** is the 20% darker color. If you saturate the color by 10%, you get **23.8874, 25.8261, 36.5273**, and if you desaturate by 10%, it is **31.5507, 33.3334, 37.5724**.

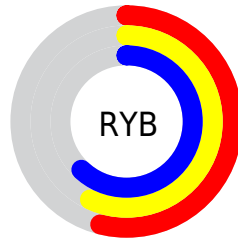
Distribution



Red (54%)

Green (58%)

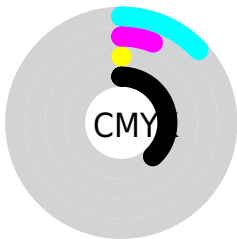
Blue (62%)



Red (54%)

Yellow (57%)

Blue (62%)

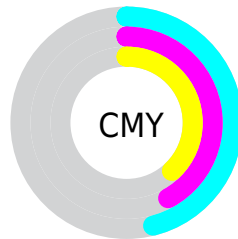


Cyan (13%)

Magenta (6%)

Yellow (0%)

Black (38%)



Cyan (46%)

Magenta (42%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4867, 29.4014, 37.0272 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 27.4867, 29.4014, 37.0272 by changing the saturation by 10% instead.

■ 27.4867, 29.4014,
37.0272

■ 27.4867, 29.4014,
37.0272

282.1307,
299.1042, 348.6005

■ 18.0776, 19.3847,
24.9326

■ 55.0783, 58.7142,
71.8014

■ 11.1057, 11.9486,
15.8083

■ 73.9914, 78.7791,
95.3181

■ 6.2058, 6.7087,
9.2357

■ 96.8033, 102.9622,
123.4792

■ 3.0125, 3.2806,
4.7963

123.8792,
131.6479, 156.7034

■ 1.1604, 1.2799,
2.0716

155.5846,
165.2205, 195.4090

■ 0.0747, 0.1256,
0.5988

192.2847,

■ 0.0000, 0.0000,

204.0645, 240.0147

0.0000

234.3450,
248.5643, 290.9390

■ 27.4867, 29.4014,
37.0272

■ 27.4867, 29.4014,
37.0272

■ 23.8874, 25.8261,
36.5273

■ 31.5507, 33.3334,
37.5724

■ 20.7322, 22.5924,
36.0694

■ 36.0939, 37.6293,
38.1622

■ 18.0024, 19.6891,
35.6529

■ 41.1333, 42.3009,
38.7983

■ 15.6772, 17.1032,
35.2763

■ 46.6844, 47.3579,
39.4818

■ 13.7336, 14.8205,
34.9381

■ 52.7618, 52.8100,
40.2138

■ 12.1463, 12.8255,
34.6367

■ 59.3797, 58.6664,
40.9954

■ 10.8865, 11.1007,
34.3702

■ 66.5514, 64.9358,
41.8276

■ 9.9199, 9.6258,
34.1365

■ 70.4366, 69.6403,
42.5308

■ 9.3746, 8.7363,
33.9935

■ 72.3448, 73.4567,
43.1669

Harmonies

Analogous

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



26.7307, 29.4014, 35.6136



27.4867, 29.4014, 37.0272



28.3815, 29.4014, 37.0500

Triad

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



27.4867, 29.4014, 37.0272



29.6526, 29.4014, 30.7860



26.7498, 29.4014, 28.6115

Complementary

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



27.4867, 29.4014, 37.0272



29.4756, 30.3855, 28.3568

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.



27.5133, 29.4014, 27.4548



27.4867, 29.4014, 37.0272



29.1959, 29.4014, 28.6638

Square

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



27.4867, 29.4014, 37.0272



29.6451, 29.4014, 33.3516



28.4087, 29.4014, 27.4735



26.3115, 29.4014, 30.7110

Rectangle

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



27.4867, 29.4014, 37.0272



28.9370, 29.4014, 36.2682



28.4087, 29.4014, 27.4735



26.9762, 29.4014, 28.1046

Sweetspot

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



27.4876, 29.4026, 37.0279



55.8377, 59.0590, 67.2000



28.2094, 32.3318, 32.6884



12.4650, 13.1963, 15.1338



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.



27.4876, 29.4026, 37.0279



47.1431, 50.6062, 66.0267



25.9290, 26.2855, 36.5083



6.5578, 6.9814, 8.4086



7.4463, 6.9842, 26.8629



0.1754, 0.2094, 0.4944

Inverse Universe

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



28.8121, 27.7184, 32.2669



50.0304, 47.0342, 55.6260



31.1641, 33.7626, 28.9196



6.7709, 6.7013, 7.6448



12.5568, 6.3273, 7.1830



0.2458, 0.1217, 0.2407

Previews

White Background



This preview shows how the XYZ color 27.4867, 29.4014, 37.0272 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 27.4867, 29.4014, 37.0272 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

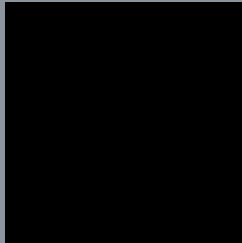
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

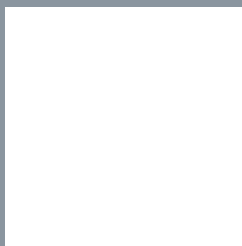
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.4867, 29.4014, 37.0272

Background



This preview shows how black text looks on a background with the XYZ color 27.4867, 29.4014, 37.0272.



This preview shows how white text looks on a background with the XYZ color 27.4867, 29.4014,

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

27.4867, 29.4014, 37.0272

Protanopia

28.3973, 29.1951, 36.0368

Deuteranopia

29.8779, 29.2509, 37.3290



Tritanopia

27.6617, 29.4714, 37.9488

Trichromacy



Original Color

27.4867, 29.4014, 37.0272

Protanomaly

28.1069, 29.2654, 36.5151

Deuteranomaly

28.8650, 29.1784, 37.3684

Tritanomaly

27.5738, 29.4362, 37.4862

Monochromacy



Original Color

27.4867, 29.4014, 37.0272

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.6774, 29.3435, 33.4833

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4867, 29.4014, 37.0272 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(138, 149, 159)` looks like.

```
.text, #text, p{  
    color:rgb(138, 149, 159)  
}
```

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(138, 149, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 149, 159) }
```

Border

The CSS property to change the border of an element to XYZ 27.4867, 29.4014, 37.0272 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(138, 149, 159) }
```


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

```
.border{ border-color:rgb(138, 149, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 149, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 149, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 149, 159);  
box-shadow:4px 4px 4px 4px rgb(138, 149,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4867, 29.4014, 37.0272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 149, 159) }
```

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

```
.background{ background-color: rgb(138,  
149, 159) }
```

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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