

Converting Colors

XYZ(29.5418, 27.9600, 37.9142)

Have a look what the booklet for
XYZ(29.5418, 27.9600, 37.9142)
contains.

XYZ(29.5147, 27.9537, 38.0224)	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(29.5147, 27.9537,
38.0224)**

Conversions

Conversions Part 1

Format	Color
Hex	9D8AA2
RGB	157, 138, 162
RGB Percent	62%, 54%, 64%
CMY	0.3843, 0.4588, 0.3647
CMYK	0.03, 0.15, 0.00, 0.36
HSL	287°, 11%, 59%
HSV	287°, 15%, 64%
XYZ	29.5147, 27.9537, 38.0224
YIQ	146.4170, 3.6200, 11.4920

Conversions

Conversions Part 2

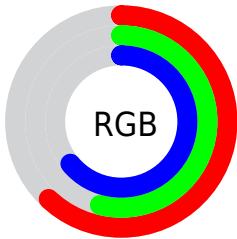
Format	Color
RYB	157, 138, 162
Decimal	10324642
CIELab	59.85, 11.66, -10.07
CIELCh	60, 15.406, 319.190
Yxy	27.9537, 0.3091, 0.2927
Android (android.graphics.Color)	4288514722 (0xFF9D8AA2)
YUV	146.4170, 7.6824, 9.2813
Hunter-Lab	52.8713, 7.1206, -5.6286

Details

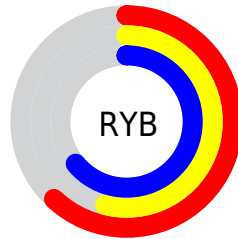
The XYZ color **29.5147, 27.9537, 38.0224** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.8365, 33.5160, 28.9955**, and the grayscale version is **27.4619, 28.8920, 31.4634**.

A 20% lighter version of the original color is **58.3066, 56.2684, 73.4334**, and **12.2481, 11.1694, 16.2622** is the 20% darker color. If you saturate the color by 10%, you get **26.7125, 23.3129, 37.2748**, and if you desaturate by 10%, it is **32.6835, 33.2996, 38.8877**.

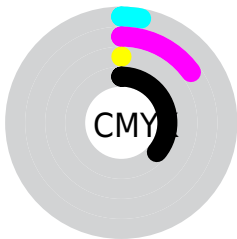
Distribution



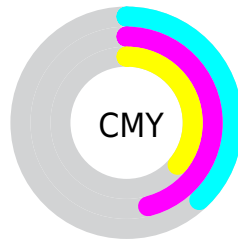
- Red (62%)
- Green (54%)
- Blue (64%)



- Red (62%)
- Yellow (54%)
- Blue (64%)



- Cyan (3%)
- Magenta (15%)
- Yellow (0%)
- Black (36%)



- Cyan (38%)
- Magenta (46%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.5147, 27.9537, 38.0224 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 29.5147, 27.9537, 38.0224 by changing the saturation by 10% instead.

■ 29.5147, 27.9537,
38.0224

■ 29.5147, 27.9537,
38.0224

291.5864,
292.2456, 353.0171

■ 19.6168, 18.2908,
25.6981

■ 58.2858, 56.4105,
73.3463

■ 12.2234, 11.1589,
16.3742

■ 77.8896, 75.9732,
97.1829

■ 6.9693, 6.1738,
9.6321

■ 101.4595, 99.6045,
125.6941

■ 3.4891, 2.9511,
5.0533

129.3607,
127.6890, 159.2984

■ 1.4174, 1.1062,
2.2193

161.9586,
160.6109, 198.4143

■ 0.2685, 0.0000,
0.6855

199.6186,

■ 0.0000, 0.0000,

198.7547, 243.4604

0.0000

242.7061,
242.5048, 294.8551

■ 29.5147, 27.9537,
38.0224

■ 29.5147, 27.9537,
38.0224

■ 26.7125, 23.3129,
37.2748

■ 32.6835, 33.2996,
38.8877

■ 24.2588, 19.3431,
36.6378

■ 36.2308, 39.3759,
39.8735

■ 22.1381, 16.0123,
36.1067

■ 40.1712, 46.2108,
40.9851

■ 20.3321, 13.2849,
35.6754

■ 44.5176, 53.8301,
42.2267

■ 18.8213, 11.1216,
35.3375

■ 49.2824, 62.2584,
43.6024

■ 17.5834, 9.4782,
35.0855

■ 54.4774, 71.5191,
45.1161

■ 16.5931, 8.3042,
34.9111

■ 60.1140, 81.6346,
46.7715

■ 15.8188, 7.5369,
34.8038

■ 62.0494, 84.3193,
47.1877

■ 15.4613, 7.2172,
34.7610

■ 62.8677, 84.7412,
47.2260

Harmonies

Analogous

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



27.8230, 27.9537, 41.7686



29.5147, 27.9537, 38.0224



30.4320, 27.9537, 32.4992

Triad

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



29.5147, 27.9537, 38.0224



27.2799, 27.9537, 21.0460



23.1773, 27.9537, 34.1115

Complementary

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



29.5147, 27.9537, 38.0224



28.8365, 33.5160, 28.9955

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.



23.0478, 27.9537, 28.4636



29.5147, 27.9537, 38.0224



25.3535, 27.9537, 21.3658

Square

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



29.5147, 27.9537, 38.0224



29.1003, 27.9537, 22.9993



23.8264, 27.9537, 23.9339



24.1892, 27.9537, 39.3264

Rectangle

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



29.5147, 27.9537, 38.0224



30.4522, 27.9537, 28.7509



23.8264, 27.9537, 23.9339



23.0311, 27.9537, 32.1874

Sweetspot

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



29.5155, 27.9549, 38.0230



59.7849, 61.2196, 70.7217



26.8565, 27.7182, 38.1175



13.3275, 13.5795, 15.8562



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



29.5155, 27.9549, 38.0230



51.7126, 47.6323, 68.5245



29.9228, 28.2328, 34.9716



7.2192, 7.1274, 8.8983



12.2170, 5.7046, 27.3870



0.2911, 0.1376, 0.5771

Inverse Universe

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



28.9476, 27.8428, 29.8364



50.4913, 47.4011, 50.4684



28.4980, 33.2828, 31.6307



7.1313, 7.1090, 7.6781



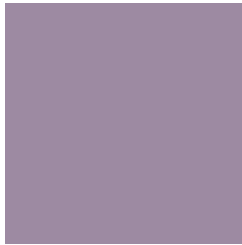
11.9768, 6.1468, 1.8025



0.2670, 0.1353, 0.1188

Previews

White Background



This preview shows how the XYZ color 29.5147, 27.9537, 38.0224 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 29.5147, 27.9537, 38.0224 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 29.5147, 27.9537, 38.0224

Background



This preview shows how black text looks on a background with the XYZ color 29.5147, 27.9537, 38.0224.



This preview shows how white text looks on a background with the XYZ color 29.5147, 27.9537,

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

29.5147, 27.9537, 38.0224

Protanopia

27.5985, 28.0243, 39.5519

Deuteranopia

28.4773, 27.8488, 38.0569



Tritanopia

28.4816, 27.9591, 33.1737

Trichromacy



Original Color

29.5147, 27.9537, 38.0224

Protanomaly

28.2583, 27.9331, 39.0242

Deuteranomaly

28.8911, 27.8462, 38.0345

Tritanomaly

28.8593, 27.8997, 34.8745

Monochromacy



Original Color

29.5147, 27.9537, 38.0224

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

28.0676, 28.3960, 33.7074

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5147, 27.9537, 38.0224 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(157, 138, 162)` looks like.

```
.text, #text, p{  
    color:rgb(157, 138, 162)  
}
```

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(157, 138, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 138, 162) }
```

Border

The CSS property to change the border of an element to XYZ 29.5147, 27.9537, 38.0224 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(157, 138, 162) }
```


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

```
.border{ border-color:rgb(157, 138, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 138, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 138, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 138, 162);  
box-shadow:4px 4px 4px 4px rgb(157, 138,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5147, 27.9537, 38.0224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 138, 162) }
```

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

```
.background{ background-color: rgb(157,  
138, 162) }
```

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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