

Converting Colors

XYZ(29.4714, 27.4137, 38.2424)

Have a look what the booklet for
XYZ(29.4714, 27.4137, 38.2424)
contains.

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Color

**XYZ(29.5156, 27.5218,
38.4069)**

Conversions

Conversions Part 1

Format	Color
Hex	9E88A3
RGB	158, 136, 163
RGB Percent	62%, 53%, 64%
CMY	0.3804, 0.4667, 0.3608
CMYK	0.03, 0.17, 0.00, 0.36
HSL	289°, 13%, 59%
HSV	289°, 17%, 64%
XYZ	29.5156, 27.5218, 38.4069
YIQ	145.6560, 4.4450, 13.0610

Conversions

Conversions Part 2

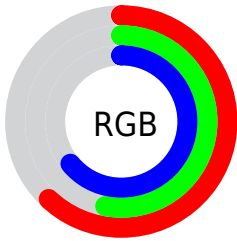
Format	Color
R_{YB}	158, 136, 163
Decimal	10389667
CIE _{Lab}	59.45, 13.36, -11.22
CIE _{LCh}	59, 17.443, 319.972
Yxy	27.5218, 0.3092, 0.2884
Android (android.graphics.Color)	4288579747 (0xFF9E88A3)
YUV	145.6560, 8.5506, 10.8257
Hunter-Lab	52.4612, 8.6201, -6.6834

Details

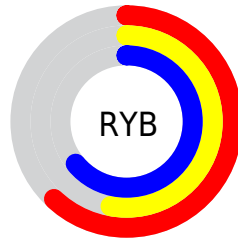
The XYZ color **29.5156, 27.5218, 38.4069** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **28.5266, 33.6354, 28.2827**, and the grayscale version is **27.1465, 28.5602, 31.1021**.

A 20% lighter version of the original color is **58.2931, 55.6033, 73.9898**, and **12.1409, 10.8674, 16.4967** is the 20% darker color. If you saturate the color by 10%, you get **26.8061, 22.9730, 37.6721**, and if you desaturate by 10%, it is **32.5905, 32.7787, 39.2599**.

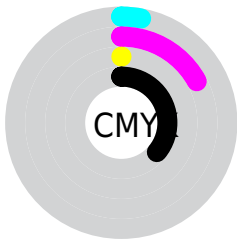
Distribution



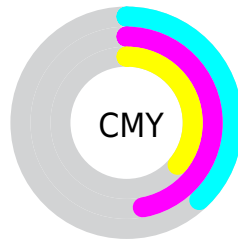
- Red (62%)
- Green (53%)
- Blue (64%)



- Red (62%)
- Yellow (53%)
- Blue (64%)



- Cyan (3%)
- Magenta (17%)
- Yellow (0%)
- Black (36%)



- Cyan (38%)
- Magenta (47%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.5156, 27.5218, 38.4069 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 29.5156, 27.5218, 38.4069 by changing the saturation by 10% instead.

■ 29.5156, 27.5218,
38.4069

■ 29.5156, 27.5218,
38.4069

291.5905,
290.1748, 354.7126

■ 19.6174, 17.9655,
25.9944

■ 58.2872, 55.7201,
73.9417

■ 12.2239, 10.9252,
16.5937

■ 77.8913, 75.1308,
97.9011

■ 6.9696, 6.0166,
9.7864

■ 101.4615, 98.5952,
126.5465

■ 3.4893, 2.8552,
5.1538

129.3631,
126.4975, 160.2964

■ 1.4175, 1.0566,
2.2775

161.9614,
159.2223, 199.5695

■ 0.2686, 0.0000,
0.7186

199.6219,

■ 0.0000, 0.0000,

197.1538, 244.7841

0.0000

242.7098,
240.6765, 296.3590

■ 29.5156, 27.5218,
38.4069

■ 29.5156, 27.5218,
38.4069

■ 26.8061, 22.9730,
37.6721

■ 32.5905, 32.7787,
39.2599

■ 24.4436, 19.0973,
37.0485

■ 36.0431, 38.7698,
40.2344

■ 22.4120, 15.8620,
36.5311

■ 39.8882, 45.5238,
41.3354

■ 20.6928, 13.2302,
36.1138

■ 44.1391, 53.0674,
42.5674

■ 19.2655, 11.1613,
35.7897

■ 48.8084, 61.4254,
43.9345

■ 18.1072, 9.6095,
35.5512

■ 53.9080, 70.6219,
45.4408

■ 17.1914, 8.5220,
35.3895

■ 59.4497, 80.6798,
47.0901

■ 16.4798, 7.8222,
35.2920

■ 61.6978, 84.1277,
47.6372

■ 16.2546, 7.6159,
35.2640

■ 62.4192, 84.4996,
47.6709

Harmonies

Analogous

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



27.6227, 27.5218, 42.7830



29.5156, 27.5218, 38.4069



30.5259, 27.5218, 32.1150

Triad

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



29.5156, 27.5218, 38.4069



26.8984, 27.5218, 19.5952



22.3990, 27.5218, 34.2750

Complementary

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



29.5156, 27.5218, 38.4069



28.5266, 33.6354, 28.2827

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.



22.2292, 27.5218, 27.9162



29.5156, 27.5218, 38.4069



24.7473, 27.5218, 20.0054

Square

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



29.5156, 27.5218, 38.4069



28.9601, 27.5218, 21.6519



23.0664, 27.5218, 22.8633



23.5440, 27.5218, 40.1764

Rectangle

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



29.5156, 27.5218, 38.4069



30.5267, 27.5218, 27.9274



23.0664, 27.5218, 22.8633



22.2285, 27.5218, 32.1026

Sweetspot

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



29.5164, 27.5230, 38.4075



59.2322, 60.1968, 70.5534



26.3493, 27.0478, 38.4827



13.2144, 13.3665, 15.8210



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.



29.5164, 27.5230, 38.4075



50.9372, 46.0416, 68.2584



29.8173, 27.7593, 34.7536



7.2351, 7.1356, 8.8990



12.6680, 5.9371, 27.4081



0.2976, 0.1410, 0.5774

Inverse Universe

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



28.7171, 27.3192, 28.9602



49.2498, 45.6209, 47.8881



28.2932, 33.4460, 31.3913



7.1249, 7.1064, 7.6440



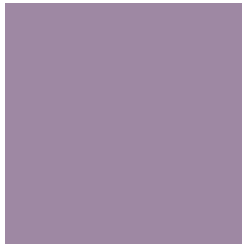
11.9357, 6.1303, 1.5861



0.2648, 0.1344, 0.1069

Previews

White Background



This preview shows how the XYZ color 29.5156, 27.5218, 38.4069 looks on a white background.

Color Contrast Check

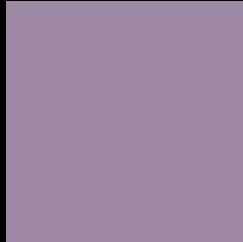
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.5156, 27.5218, 38.4069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

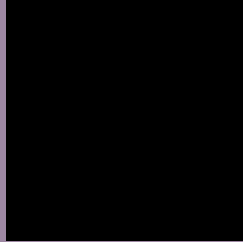
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.5156, 27.5218, 38.4069

Background



This preview shows how black text looks on a background with the XYZ color 29.5156, 27.5218, 38.4069.



This preview shows how white text looks on a background with the XYZ color 29.5156, 27.5218,

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

29.5156, 27.5218, 38.4069

Protanopia

27.2955, 27.6250, 40.4527

Deuteranopia

28.1124, 27.6607, 38.0398



Tritanopia

28.2236, 27.4148, 32.2378

Trichromacy



Original Color

29.5156, 27.5218, 38.4069

Protanomaly

28.1151, 27.6203, 39.9258

Deuteranomaly

28.7031, 27.7493, 38.0257

Tritanomaly

28.6830, 27.3925, 34.3474

Monochromacy



Original Color

29.5156, 27.5218, 38.4069

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.9182, 28.0970, 33.6576

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5156, 27.5218, 38.4069 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(158, 136, 163)` looks like.

```
.text, #text, p{  
    color:rgb(158, 136, 163)  
}
```

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(158, 136, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 136, 163) }
```

Border

The CSS property to change the border of an element to XYZ 29.5156, 27.5218, 38.4069 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(158, 136, 163) }
```


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

```
.border{ border-color:rgb(158, 136, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 136, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 136, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 136, 163);  
box-shadow:4px 4px 4px 4px rgb(158, 136,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5156, 27.5218, 38.4069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 136, 163) }
```

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

```
.background{ background-color: rgb(158,  
136, 163) }
```

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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