

Converting Colors

XYZ(29.8478, 28.7476, 39.5614)

Have a look what the booklet for
XYZ(29.8478, 28.7476, 39.5614)
contains.

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Color

**XYZ(29.8340, 28.7349,
39.5713)**

Conversions

Conversions Part 1

Format	Color
Hex	9B8DA5
RGB	155, 141, 165
RGB Percent	61%, 55%, 65%
CMY	0.3922, 0.4470, 0.3529
CMYK	0.06, 0.15, 0.00, 0.35
HSL	275°, 12%, 60%
HSV	275°, 15%, 65%
XYZ	29.8340, 28.7349, 39.5713
YIQ	147.9220, 0.6400, 10.4320

Conversions

Conversions Part 2

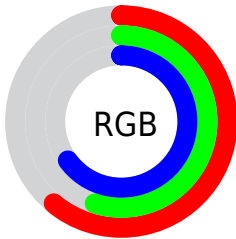
Format	Color
R_{YB}	155, 141, 165
Decimal	10194341
CIE Lab	60.55, 9.86, -10.75
CIE LCh	61, 14.586, 312.530
Yxy	28.7349, 0.3040, 0.2928
Android (android.graphics.Color)	4288384421 (0xFF9B8DA5)
YUV	147.9220, 8.4195, 6.2074
Hunter-Lab	53.6049, 5.5361, -6.2446

Details

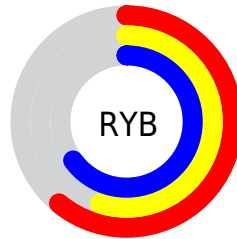
The XYZ color **29.8340, 28.7349, 39.5713** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.0263, 35.4134, 30.4008**, and the grayscale version is **28.0824, 29.5448, 32.1743**.

A 20% lighter version of the original color is **59.0117, 57.8992, 75.7755**, and **12.4306, 11.6175, 17.2100** is the 20% darker color. If you saturate the color by 10%, you get **26.2981, 23.5661, 38.7604**, and if you desaturate by 10%, it is **33.8093, 34.6698, 40.5078**.

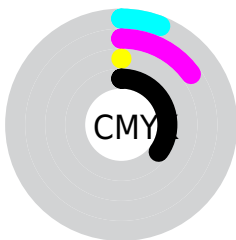
Distribution



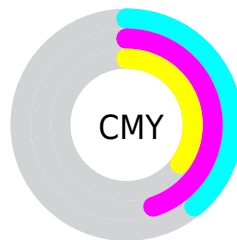
- Red (61%)
- Green (55%)
- Blue (65%)



- Red (61%)
- Yellow (55%)
- Blue (65%)



- Cyan (6%)
- Magenta (15%)
- Yellow (0%)
- Black (35%)



- Cyan (39%)
- Magenta (45%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.8340, 28.7349, 39.5713 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 29.8340, 28.7349, 39.5713 by changing the saturation by 10% instead.

■ 29.8340, 28.7349,
39.5713

■ 29.8340, 28.7349,
39.5713

293.0537,
295.9621, 359.8116

■ 19.8601, 18.8804,
26.8932

■ 58.7880, 57.6556,
75.7402

■ 12.4010, 11.5839,
17.2613

■ 78.4988, 77.4906,
100.0681

■ 7.0916, 6.4610,
10.2570

■ 102.1859,
101.4212, 129.1163

■ 3.5663, 3.1274,
5.4619

130.2146,
129.8318, 163.3034

■ 1.4598, 1.1986,
2.4573

162.9504,
163.1068, 203.0480

■ 0.2982, 0.0606,
0.8174

200.7587,

■ 0.0000, 0.0000,

201.6306, 248.7685

0.0000

244.0046,
245.7875, 300.8835

■ 29.8340, 28.7349,
39.5713

■ 29.8340, 28.7349,
39.5713

■ 26.2981, 23.5661,
38.7604

■ 33.8093, 34.6698,
40.5078

■ 23.1817, 19.1272,
38.0679

■ 38.2374, 41.3978,
41.5730

■ 20.4673, 15.3844,
37.4885

■ 43.1348, 48.9489,
42.7724

■ 18.1350, 12.2997,
37.0160

■ 48.5158, 57.3506,
44.1105

■ 16.1628, 9.8316,
36.6436

■ 54.3944, 66.6289,
45.5916

■ 14.5266, 7.9334,
36.3634

■ 60.7839, 76.8090,
47.2197

■ 13.1984, 6.5516,
36.1667

■ 67.2154, 86.9513,
48.8384

■ 12.1447, 5.6213,
36.0427

■ 69.1312, 87.9389,
48.9281

■ 11.6416, 5.2169,
35.9912

■ 71.1311, 88.9699,
49.0217

Harmonies

Analogous

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



28.1050, 28.7349, 42.5455



29.8340, 28.7349, 39.5713



30.9144, 28.7349, 34.5060

Triad

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



29.8340, 28.7349, 39.5713



28.4135, 28.7349, 22.3990



23.9262, 28.7349, 33.5923

Complementary

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



29.8340, 28.7349, 39.5713



31.0263, 35.4134, 30.4008

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.



24.0003, 28.7349, 28.2754



29.8340, 28.7349, 39.5713



26.5334, 28.7349, 22.2143

Square

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



29.8340, 28.7349, 39.5713



30.0688, 28.7349, 24.7861



24.9357, 28.7349, 24.2487



24.7285, 28.7349, 38.8365

Rectangle

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



29.8340, 28.7349, 39.5713



31.0924, 28.7349, 30.8317



24.9357, 28.7349, 24.2487



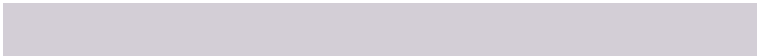
23.8506, 28.7349, 31.7476

Sweetspot

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



29.8349, 28.7361, 39.5719



60.9040, 62.6252, 72.6302



28.9082, 30.6426, 39.9888



13.1957, 13.5116, 15.8500



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.



29.8349, 28.7361, 39.5719



51.6013, 48.7667, 70.4456



31.6895, 29.7089, 38.9032



7.0777, 7.0544, 8.8917



8.8647, 3.9764, 27.2301



0.2383, 0.1104, 0.5746

Inverse Universe

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



30.6288, 29.2847, 33.3176



53.2889, 49.9304, 57.2571



29.3683, 34.5448, 30.9492



7.1905, 7.1326, 7.9894



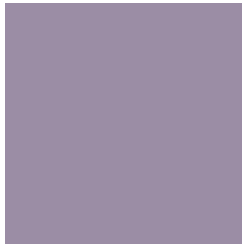
12.5695, 6.3838, 4.9235



0.2874, 0.1435, 0.2261

Previews

White Background



This preview shows how the XYZ color 29.8340, 28.7349, 39.5713 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 29.8340, 28.7349, 39.5713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

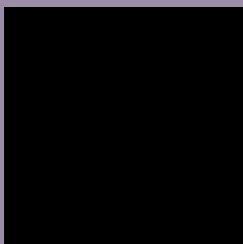
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

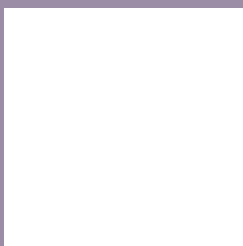
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.8340, 28.7349, 39.5713

Background



This preview shows how black text looks on a background with the XYZ color 29.8340, 28.7349, 39.5713.



This preview shows how white text looks on a background with the XYZ color 29.8340, 28.7349,

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

29.8340, 28.7349, 39.5713

Protanopia

28.3486, 28.8287, 41.1162

Deuteranopia

29.2270, 28.6419, 39.5853



Tritanopia

28.7921, 28.7503, 34.6037

Trichromacy



Original Color

29.8340, 28.7349, 39.5713

Protanomaly

28.9809, 28.9396, 40.6177

Deuteranomaly

29.4134, 28.7380, 39.5940

Tritanomaly

29.1710, 28.6846, 36.3470

Monochromacy



Original Color

29.8340, 28.7349, 39.5713

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.7206, 29.1632, 34.6872

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.8340, 28.7349, 39.5713 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(155, 141, 165)` looks like.

```
.text, #text, p{  
    color:rgb(155, 141, 165)  
}
```

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(155, 141, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 141, 165) }
```

Border

The CSS property to change the border of an element to XYZ 29.8340, 28.7349, 39.5713 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(155, 141, 165) }
```


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

```
.border{ border-color:rgb(155, 141, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 141, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 141, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 141, 165);  
box-shadow:4px 4px 4px 4px rgb(155, 141,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 29.8340, 28.7349, 39.5713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 141, 165) }
```

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

```
.background{ background-color: rgb(155,  
141, 165) }
```

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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