

Converting Colors

XYZ(28.3299, 27.9872, 39.4488)

Have a look what the booklet for
XYZ(28.3299, 27.9872, 39.4488)
contains.

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Color

**XYZ(28.3490, 27.9694,
39.5018)**

Conversions

Conversions Part 1

Format	Color
Hex	938DA5
RGB	147, 141, 165
RGB Percent	58%, 55%, 65%
CMY	0.4235, 0.4470, 0.3529
CMYK	0.11, 0.15, 0.00, 0.35
HSL	255°, 12%, 60%
HSV	255°, 15%, 65%
XYZ	28.3490, 27.9694, 39.5018
YIQ	145.5300, -4.1280, 8.7360

Conversions

Conversions Part 2

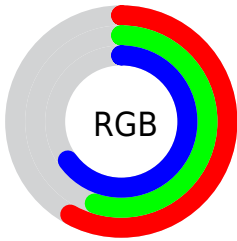
Format	Color
RYB	147, 141, 165
Decimal	9670053
CIELab	59.86, 7.08, -11.85
CIELCh	60, 13.803, 300.869
Yxy	27.9694, 0.2959, 0.2919
Android (android.graphics.Color)	4287860133 (0xFF938DA5)
YUV	145.5300, 9.5987, 1.2892
Hunter-Lab	52.8861, 3.1322, -7.2647

Details

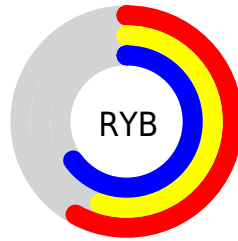
The XYZ color **28.3490, 27.9694, 39.5018** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.5620, 36.2050, 30.4727**, and the grayscale version is **27.0934, 28.5043, 31.0412**.

A 20% lighter version of the original color is **56.5208, 56.6150, 75.6590**, and **11.5456, 11.1612, 17.1686** is the 20% darker color. If you saturate the color by 10%, you get **23.9940, 22.3783, 38.6526**, and if you desaturate by 10%, it is **33.3070, 34.4109, 40.4843**.

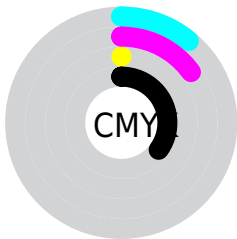
Distribution



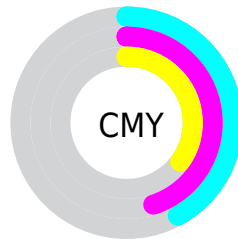
- Red (58%)
- Green (55%)
- Blue (65%)



- Red (58%)
- Yellow (55%)
- Blue (65%)



- Cyan (11%)
- Magenta (15%)
- Yellow (0%)
- Black (35%)



- Cyan (42%)
- Magenta (45%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.3490, 27.9694, 39.5018 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 28.3490, 27.9694, 39.5018 by changing the saturation by 10% instead.

■ 28.3490, 27.9694,
39.5018

■ 28.3490, 27.9694,
39.5018

286.1808,
292.3207, 359.5087

■ 18.7307, 18.3026,
26.8395

■ 56.4459, 56.4356,
75.6330

■ 11.5787, 11.1675,
17.2213

■ 75.6552, 76.0038,
99.9391

■ 6.5276, 6.1796,
10.2288

■ 98.7923, 99.6412,
128.9634

■ 3.2122, 2.9546,
5.4433

126.2224,
127.7322, 163.1246

■ 1.2669, 1.1081,
2.4464

158.3110,
160.6613, 202.8412

■ 0.1583, 0.0000,
0.8116

195.4233,

■ 0.0000, 0.0000,

198.8128, 248.5317

0.0000

237.9248,
242.5711, 300.6147

■ 28.3490, 27.9694,
39.5018

■ 28.3490, 27.9694,
39.5018

■ 23.9940, 22.3783,
38.6526

■ 33.3070, 34.4109,
40.4843

■ 20.2159, 17.5982,
37.9291

■ 38.8876, 41.7329,
41.6034

■ 16.9905, 13.5920,
37.3258

■ 45.1126, 49.9685,
42.8650

■ 14.2908, 10.3180,
36.8361

■ 52.0021, 59.1479,
44.2736

■ 12.0874, 7.7307,
36.4528

■ 59.5752, 69.2998,
45.8340

■ 10.3480, 5.7793,
36.1679

■ 67.8503, 80.4519,
47.5504

■ 9.0359, 4.4058,
35.9719

■ 76.3633, 91.6672,
49.2665

■ 8.1079, 3.5403,
35.8538

■ 80.5613, 93.8314,
49.4630

■ 7.7156, 3.1930,
35.8074

■ 83.7916, 95.4966,
49.6142

Harmonies

Analogous

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



26.6351, 27.9694, 41.1472



28.3490, 27.9694, 39.5018



29.6345, 27.9694, 35.3927

Triad

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



28.3490, 27.9694, 39.5018



28.2568, 27.9694, 22.7846



23.3580, 27.9694, 30.6003

Complementary

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



28.3490, 27.9694, 39.5018



32.5620, 36.2050, 30.4727

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.



23.7505, 27.9694, 25.9974



28.3490, 27.9694, 39.5018



26.5331, 27.9694, 21.7951

Square

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



28.3490, 27.9694, 39.5018



29.5796, 27.9694, 25.7702



24.8940, 27.9694, 22.9053



23.7979, 27.9694, 35.6733

Rectangle

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



28.3490, 27.9694, 39.5018



30.0483, 27.9694, 32.0098



24.8940, 27.9694, 22.9053



23.3969, 27.9694, 28.9493

Sweetspot

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



28.3498, 27.9706, 39.5024



60.0947, 62.2080, 72.5923



30.2440, 33.3143, 40.4340



12.9885, 13.4048, 15.8403



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.



28.3498, 27.9706, 39.5024



48.5069, 47.1715, 70.3008



30.5362, 29.0977, 39.6047



6.8587, 6.9415, 8.8814



5.8769, 2.4361, 27.0903



0.1638, 0.0720, 0.5711

Inverse Universe

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



31.3009, 29.5535, 36.8570



54.6992, 50.4945, 64.6837



30.3683, 35.0741, 30.3701



7.2883, 7.1718, 8.5047



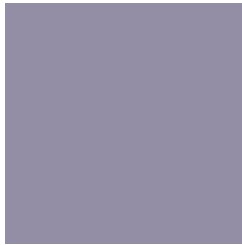
14.5003, 7.1562, 15.0912



0.3218, 0.1572, 0.4074

Previews

White Background



This preview shows how the XYZ color 28.3490, 27.9694, 39.5018 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 28.3490, 27.9694, 39.5018 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 28.3490, 27.9694, 39.5018

Background



This preview shows how black text looks on a background with the XYZ color 28.3490, 27.9694, 39.5018.



This preview shows how white text looks on a background with the XYZ color 28.3490, 27.9694,

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

28.3490, 27.9694, 39.5018

Protanopia

27.5206, 27.9735, 40.0253

Deuteranopia

28.5292, 28.0623, 39.5102



Tritanopia

27.3322, 27.9978, 34.5354

Trichromacy



Original Color

28.3490, 27.9694, 39.5018

Protanomaly

27.8836, 27.9388, 39.9995

Deuteranomaly

28.5292, 28.0623, 39.5102

Tritanomaly

27.6986, 27.9256, 36.2781

Monochromacy



Original Color

28.3490, 27.9694, 39.5018

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.5771, 28.3574, 34.1571

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3490, 27.9694, 39.5018 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, 141, 165)` looks like.

```
.text, #text, p{  
    color:rgb(147, 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(147, 141, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 141, 165) }
```

Border

The CSS property to change the border of an element to XYZ 28.3490, 27.9694, 39.5018 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, 141, 165) }
```


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

```
.border{ border-color:rgb(147, 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(147, 141, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 141, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 141, 165);  
box-shadow:4px 4px 4px 4px rgb(147, 141,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3490, 27.9694, 39.5018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 141, 165) }
```

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

```
.background{ background-color: rgb(147,  
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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