

Converting Colors

XYZ(27.6957, 28.1673, 39.7464)

Have a look what the booklet for
XYZ(27.6957, 28.1673, 39.7464)
contains.

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Color

**XYZ(27.5985, 28.0243,
39.5519)**

Conversions

Conversions Part 1

Format	Color
Hex	8D8FA5
RGB	141, 143, 165
RGB Percent	55%, 56%, 65%
CMY	0.4471, 0.4392, 0.3529
CMYK	0.15, 0.13, 0.00, 0.35
HSL	235°, 12%, 60%
HSV	235°, 15%, 65%
XYZ	27.5985, 28.0243, 39.5519
YIQ	144.9100, -8.2540, 6.4180

Conversions

Conversions Part 2

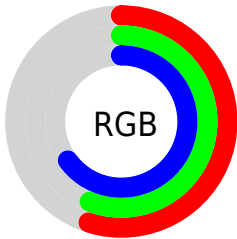
Format	Color
R_{YB}	141, 143, 165
Decimal	9277349
CIE Lab	59.91, 3.89, -11.82
CIE LCh	60, 12.447, 288.229
Yxy	28.0243, 0.2900, 0.2945
Android (android.graphics.Color)	4287467429 (0xFF8D8FA5)
YUV	144.9100, 9.9044, -3.4291
Hunter-Lab	52.9380, 0.4171, -7.2411

Details

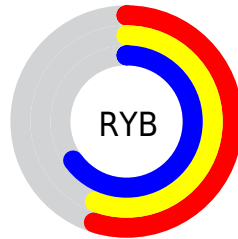
The XYZ color **27.5985, 28.0243, 39.5519** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **33.4220, 36.1165, 30.4095**, and the grayscale version is **26.8413, 28.2391, 30.7524**.

A 20% lighter version of the original color is **55.3902, 56.7019, 75.7353**, and **11.2094, 11.2451, 17.2025** is the 20% darker color. If you saturate the color by 10%, you get **22.8799, 22.4462, 38.7244**, and if you desaturate by 10%, it is **33.0429, 34.4324, 40.5023**.

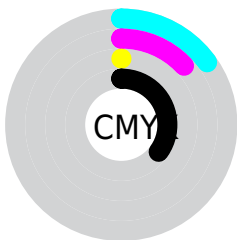
Distribution



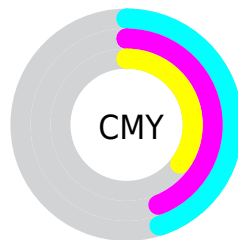
- Red (55%)
- Green (56%)
- Blue (65%)



- Red (55%)
- Yellow (56%)
- Blue (65%)



- Cyan (15%)
- Magenta (13%)
- Yellow (0%)
- Black (35%)



- Cyan (45%)
- Magenta (44%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5985, 28.0243, 39.5519 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 27.5985, 28.0243, 39.5519 by changing the saturation by 10% instead.

■ 27.5985, 28.0243,
39.5519

■ 27.5985, 28.0243,
39.5519

282.6584,
292.5830, 359.7270

■ 18.1621, 18.3440,
26.8782

■ 55.2559, 56.5232,
75.7103

■ 11.1668, 11.1972,
17.2502

■ 74.2077, 76.1106,
100.0321

■ 6.2473, 6.1997,
10.2492

■ 97.0620, 99.7692,
129.0736

■ 3.0381, 2.9669,
5.4567

124.1841,
127.8833, 163.2535

■ 1.1739, 1.1145,
2.4543

155.9395,
160.8373, 202.9902

■ 0.0857, 0.0000,
0.8158

192.6934,

■ 0.0000, 0.0000,

199.0157, 248.7024

0.0000

234.8112,
242.8028, 300.8085

■ 27.5985, 28.0243,
39.5519

■ 27.5985, 28.0243,
39.5519

■ 22.8799, 22.4462,
38.7244

■ 33.0429, 34.4324,
40.5023

■ 18.8541, 17.6608,
38.0129

■ 39.2392, 41.6989,
41.5783

■ 15.4890, 13.6331,
37.4128

■ 46.2157, 49.8552,
42.7849

■ 12.7492, 10.3242,
36.9185

■ 53.9980, 58.9298,
44.1263

■ 10.5959, 7.6915,
36.5239

■ 62.6109, 68.9504,
45.6065

■ 8.9862, 5.6883,
36.2220

■ 72.0778, 79.9430,
47.2293

■ 7.8708, 4.2615,
36.0054

■ 81.8668, 91.6471,
48.9725

■ 7.1915, 3.3491,
35.8651

■ 83.7916, 95.4966,
49.6141

■ 6.9455, 3.0244,
35.8154

Harmonies

Analogous

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



26.0209, 28.0243, 39.8544



27.5985, 28.0243, 39.5519



28.9683, 28.0243, 36.6882

Triad

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



27.5985, 28.0243, 39.5519



28.7130, 28.0243, 24.4705



23.7699, 28.0243, 28.7719

Complementary

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



27.5985, 28.0243, 39.5519



33.4220, 36.1165, 30.4095

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.



24.4329, 28.0243, 25.0740



27.5985, 28.0243, 39.5519



27.2612, 28.0243, 22.7599

Square

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



27.5985, 28.0243, 39.5519



29.6291, 28.0243, 27.8707



25.6966, 28.0243, 22.9693



23.8521, 28.0243, 33.3188

Rectangle

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



27.5985, 28.0243, 39.5519



29.5601, 28.0243, 33.8579



25.6966, 28.0243, 22.9693



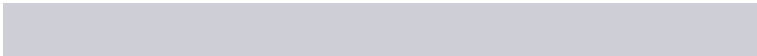
23.9118, 28.0243, 27.3973

Sweetspot

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



27.5993, 28.0255, 39.5525



59.6696, 62.2442, 72.6217



31.0152, 35.2035, 39.6234



12.8800, 13.4140, 15.8478



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.



27.5993, 28.0255, 39.5525



46.9622, 47.2810, 70.4033



29.0053, 28.3080, 39.5330



6.7458, 6.9505, 8.8891



5.2709, 2.3211, 27.1000



0.1241, 0.0755, 0.5739

Inverse Universe

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



30.0005, 29.0329, 30.0107



51.9902, 49.4109, 50.4183



31.8578, 35.8420, 30.4390



7.0966, 7.0951, 7.4954



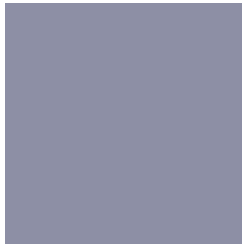
11.8060, 6.0784, 0.9029



0.2548, 0.1304, 0.0545

Previews

White Background



This preview shows how the XYZ color 27.5985, 28.0243, 39.5519 looks on a white background.

Color Contrast Check

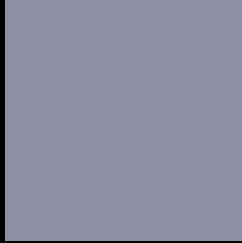
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.5985, 28.0243, 39.5519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

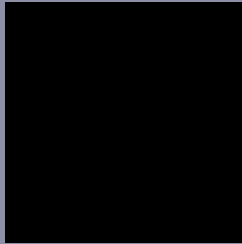
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.5985, 28.0243, 39.5519

Background



This preview shows how black text looks on a background with the XYZ color 27.5985, 28.0243, 39.5519.



This preview shows how white text looks on a background with the XYZ color 27.5985, 28.0243,

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

27.5985, 28.0243, 39.5519

Protanopia

27.5985, 28.0243, 39.5519

Deuteranopia

28.5292, 28.0623, 39.5102



Tritanopia

26.7736, 28.1401, 35.4729

Trichromacy



Original Color

27.5985, 28.0243, 39.5519

Protanomaly

27.5985, 28.0243, 39.5519

Deuteranomaly

28.1416, 28.0824, 39.5345

Tritanomaly

27.0465, 28.0252, 36.7848

Monochromacy



Original Color

27.5985, 28.0243, 39.5519

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.1424, 28.1428, 33.7073

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5985, 28.0243, 39.5519 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(141, 143, 165)` looks like.

```
.text, #text, p{  
    color:rgb(141, 143, 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(141, 143, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 143, 165) }
```

Border

The CSS property to change the border of an element to XYZ 27.5985, 28.0243, 39.5519 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(141, 143, 165) }
```


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

```
.border{ border-color:rgb(141, 143, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 143, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 143, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 143, 165);  
box-shadow:4px 4px 4px 4px rgb(141, 143,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5985, 28.0243, 39.5519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 143, 165) }
```

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

```
.background{ background-color: rgb(141,  
143, 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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