

Converting Colors

XYZ(27.5420, 27.7966, 39.0092)

Have a look what the booklet for
XYZ(27.5420, 27.7966, 39.0092)
contains.

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Color

**XYZ(27.5292, 27.7771,
39.0325)**

Conversions

Conversions Part 1

Format	Color
Hex	8E8EA4
RGB	142, 142, 164
RGB Percent	56%, 56%, 64%
CMY	0.4431, 0.4431, 0.3569
CMYK	0.13, 0.13, 0.00, 0.36
HSL	240°, 11%, 60%
HSV	240°, 13%, 64%
XYZ	27.5292, 27.7771, 39.0325
YIQ	144.5080, -7.0620, 6.8420

Conversions

Conversions Part 2

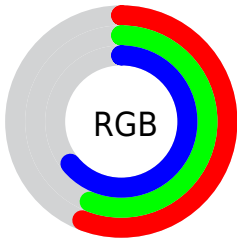
Format	Color
R_{YB}	142, 142, 164
Decimal	9342628
CIE _{Lab}	59.69, 4.58, -11.58
CIE _{LCh}	60, 12.454, 291.583
Yxy	27.7771, 0.2918, 0.2944
Android (android.graphics.Color)	4287532708 (0xFF8E8EA4)
YUV	144.5080, 9.6096, -2.1995
Hunter-Lab	52.7040, 1.0050, -7.0173

Details

The XYZ color **27.5292, 27.7771, 39.0325** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **33.4680, 36.3964, 30.8532**, and the grayscale version is **26.6793, 28.0687, 30.5668**.

A 20% lighter version of the original color is **55.2911, 56.3301, 74.9765**, and **11.1654, 11.0995, 16.8832** is the 20% darker color. If you saturate the color by 10%, you get **22.6568, 21.9064, 38.1566**, and if you desaturate by 10%, it is **33.1763, 34.5815, 40.0487**.

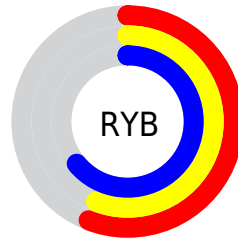
Distribution



Red (56%)

Green (56%)

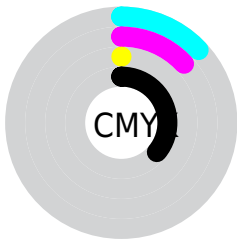
Blue (64%)



Red (56%)

Yellow (56%)

Blue (64%)

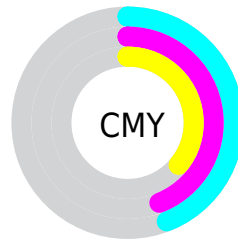


Cyan (13%)

Magenta (13%)

Yellow (0%)

Black (36%)



Cyan (44%)

Magenta (44%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5292, 27.7771, 39.0325 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 27.5292, 27.7771, 39.0325 by changing the saturation by 10% instead.

■ 27.5292, 27.7771,
39.0325

■ 27.5292, 27.7771,
39.0325

282.3314,
291.4003, 357.4587

■ 18.1097, 18.1577,
26.4770

■ 55.1458, 56.1284,
74.9089

■ 11.1289, 11.0633,
16.9519

■ 74.0737, 75.6290,
99.0668

■ 6.2216, 6.1094,
10.0386

■ 96.9016, 99.1923,
127.9292

■ 3.0222, 2.9117,
5.3186

123.9952,
127.2024, 161.9148

■ 1.1655, 1.0858,
2.3734

155.7195,
160.0439, 201.4420

■ 0.0789, 0.0000,
0.7719

192.4401,

■ 0.0000, 0.0000,

198.1011, 246.9293

0.0000

234.5223,
241.7584, 298.7954

■ 27.5292, 27.7771,
39.0325

■ 27.5292, 27.7771,
39.0325

■ 22.6568, 21.9064,
38.1566

■ 33.1763, 34.5815,
40.0487

■ 18.5230, 16.9254,
37.4130

■ 39.6271, 42.3541,
41.2090

■ 15.0924, 12.7918,
36.7960

■ 46.9122, 51.1321,
42.5193

■ 12.3260, 9.4585,
36.2984

■ 55.0600, 60.9495,
43.9848

■ 10.1807, 6.8736,
35.9125

■ 64.0975, 71.8387,
45.6103

■ 8.6087, 4.9794,
35.6298

■ 74.0503, 83.8309,
47.4005

■ 7.5550, 3.7096,
35.4402

■ 83.7009, 95.4604,
49.1366

■ 6.9538, 2.9852,
35.3321

■ 6.7010, 2.6806,
35.2866

Harmonies

Analogous

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



25.9612, 27.7771, 39.6448



27.5292, 27.7771, 39.0325



28.8419, 27.7771, 35.9507

Triad

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



27.5292, 27.7771, 39.0325



28.3250, 27.7771, 23.9546



23.5218, 27.7771, 28.9946

Complementary

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



27.5292, 27.7771, 39.0325



33.4680, 36.3964, 30.8532

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.



24.1024, 27.7771, 25.1765



27.5292, 27.7771, 39.0325



26.8464, 27.7771, 22.4617

Square

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



27.5292, 27.7771, 39.0325



29.3139, 27.7771, 27.1698



25.3046, 27.7771, 22.8858



23.6883, 27.7771, 33.5430

Rectangle

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



27.5292, 27.7771, 39.0325



29.3752, 27.7771, 33.0637



25.3046, 27.7771, 22.8858



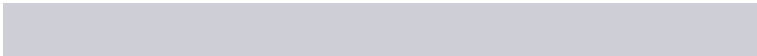
23.6352, 27.7771, 27.5904

Sweetspot

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



27.5300, 27.7783, 39.0331



59.4976, 61.9003, 72.5644



31.0991, 34.9693, 40.0597



12.8361, 13.3263, 15.8332



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.



27.5300, 27.7783, 39.0331



47.2759, 47.1742, 70.3661



29.4422, 28.7637, 39.1226



6.7005, 6.8600, 8.8740



5.1380, 2.0553, 27.0557



0.1080, 0.0432, 0.5685

Inverse Universe

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



29.8660, 29.1923, 29.6530



52.3278, 50.2321, 50.0804



31.3647, 35.3125, 30.7548



7.0738, 7.0860, 7.3751



11.7389, 6.0516, 0.5496



0.2467, 0.1272, 0.0116

Previews

White Background



This preview shows how the XYZ color 27.5292, 27.7771, 39.0325 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 27.5292, 27.7771, 39.0325 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 27.5292, 27.7771, 39.0325

Background



This preview shows how black text looks on a background with the XYZ color 27.5292, 27.7771, 39.0325.



This preview shows how white text looks on a background with the XYZ color 27.5292, 27.7771,

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

27.5292, 27.7771, 39.0325

Protanopia

27.3385, 27.9007, 39.0664

Deuteranopia

28.2917, 27.7324, 38.9837



Tritanopia

26.7049, 27.8885, 34.9859

Trichromacy



Original Color

27.5292, 27.7771, 39.0325

Protanomaly

27.5078, 27.9880, 39.0744

Deuteranomaly

28.0798, 27.8411, 39.0159

Tritanomaly

26.9785, 27.7763, 36.2872

Monochromacy



Original Color

27.5292, 27.7771, 39.0325

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 27.5292, 27.7771, 39.0325 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(142, 142, 164)` looks like.

```
.text, #text, p{  
    color:rgb(142, 142, 164)  
}
```

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(142, 142, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 142, 164) }
```

Border

The CSS property to change the border of an element to XYZ 27.5292, 27.7771, 39.0325 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(142, 142, 164) }
```


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

```
.border{ border-color:rgb(142, 142, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 142, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 142, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 142, 164);  
box-shadow:4px 4px 4px 4px rgb(142, 142,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5292, 27.7771, 39.0325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 142, 164) }
```

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

```
.background{ background-color: rgb(142,  
142, 164) }
```

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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