

Converting Colors

XYZ(35.2539, 27.8840, 82.8810)

Have a look what the booklet for
XYZ(35.2539, 27.8840, 82.8810)
contains.

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Color

**XYZ(35.2539, 27.8840,
82.8810)**

Conversions

Conversions Part 1

Format	Color
Hex	9580EC
RGB	149, 128, 236
RGB Percent	58%, 50%, 93%
CMY	0.4157, 0.4980, 0.0745
CMYK	0.37, 0.46, 0.00, 0.07
HSL	252°, 74%, 71%
HSV	252°, 46%, 93%
XYZ	35.2539, 27.8840, 82.8810
YIQ	146.5910, -22.1520, 38.0400

Conversions

Conversions Part 2

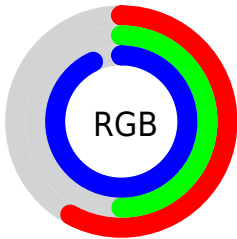
Format	Color
RYB	149, 128, 236
Decimal	9797868
CIELab	59.78, 32.59, -51.95
CIELCh	60, 61.327, 302.104
Yxy	27.8840, 0.2414, 0.1910
Android (android.graphics.Color)	4287987948 (0xFF9580EC)
YUV	146.5910, 44.0786, 2.1127
Hunter-Lab	52.8053, 26.7610, -56.0954

Details

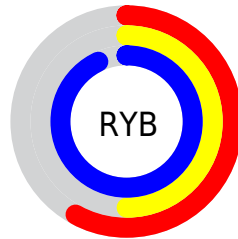
The XYZ color **35.2539, 27.8840, 82.8810** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **61.9162, 75.9969, 31.8284**, and the grayscale version is **27.3961, 28.8228, 31.3881**.

A 20% lighter version of the original color is **60.0275, 53.3896, 101.7492**, and **15.3753, 11.0306, 43.9666** is the 20% darker color. If you saturate the color by 10%, you get **29.3362, 20.7832, 81.8228**, and if you desaturate by 10%, it is **42.4558, 36.7102, 84.2056**.

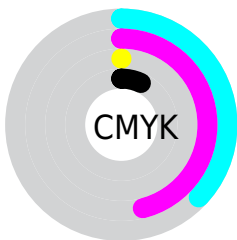
Distribution



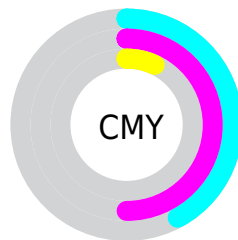
- Red (58%)
- Green (50%)
- Blue (93%)



- Red (58%)
- Yellow (50%)
- Blue (93%)



- Cyan (37%)
- Magenta (46%)
- Yellow (0%)
- Black (7%)



- Cyan (42%)
- Magenta (50%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.2539, 27.8840, 82.8810 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 35.2539, 27.8840, 82.8810 by changing the saturation by 10% instead.

■ 35.2539, 27.8840,
82.8810

■ 35.2539, 27.8840,
82.8810

317.1760,
291.9122, 524.5504

■ 24.0260, 18.2382,
61.5519

■ 67.2103, 56.2992,
139.2565

■ 15.4777, 11.1212,
44.2373

■ 88.6696, 75.8374,
175.1401

■ 9.2438, 6.1484,
30.5186

■ 114.2699, 99.4419,
216.7122

■ 4.9589, 2.9355,
19.9771

144.3767,
127.4970, 264.3914

■ 2.2577, 1.0982,
12.1945

179.3554,
160.3873, 318.5964

■ 0.7729, 0.0000,
6.7521

219.5713,

■ 0.0000, 0.0000,

198.4969, 379.7455

3.2315

265.3897,
242.2104, 448.2573

■ 0.0000, 0.0000,
1.2140

■ 0.0000, 0.0000,
0.0000

■ 35.2539, 27.8840,
82.8810

■ 35.2539, 27.8840,
82.8810

■ 29.3362, 20.7832,
81.8228

■ 42.4558, 36.7102,
84.2056

■ 24.6215, 15.2900,
81.0110

■ 51.0095, 47.3630,
85.8109

■ 21.0243, 11.2763,
80.4259

■ 60.9821, 59.9392,
87.7128

■ 18.4458, 8.5925,
80.0438

■ 72.4347, 74.5279,
89.9251

■ 16.7676, 7.0562,
79.8357

■ 85.4252, 91.2127,
92.4609

■ 16.2623, 6.6345,
79.7809

■ 92.1404, 98.8362,
93.5784

Harmonies

Analogous

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



27.0546, 27.8840, 96.2543



35.2539, 27.8840, 82.8810



42.0057, 27.8840, 55.0770

Triad

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



35.2539, 27.8840, 82.8810



34.1185, 27.8840, 6.0840



14.2094, 27.8840, 31.9573

Complementary

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



35.2539, 27.8840, 82.8810



61.9162, 75.9969, 31.8284

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.



15.3782, 27.8840, 14.4299



35.2539, 27.8840, 82.8810



25.9588, 27.8840, 4.5445

Square

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



35.2539, 27.8840, 82.8810



41.2653, 27.8840, 12.8371



19.3350, 27.8840, 6.6373



15.7625, 27.8840, 59.2193

Rectangle

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



35.2539, 27.8840, 82.8810



44.2087, 27.8840, 36.6211



19.3350, 27.8840, 6.6373



14.2963, 27.8840, 24.8583

Sweetspot

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



35.2550, 27.8850, 82.8817



74.8999, 74.2477, 104.9913



48.6503, 59.8604, 88.3475



15.4348, 15.1350, 22.3578



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.2550, 27.8850, 82.8817



35.3116, 25.1774, 97.6063



47.1633, 34.0239, 83.4390



14.5046, 14.6899, 18.9932



9.0458, 3.6992, 43.9802



0.7857, 0.3293, 3.4570

Inverse Universe

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



54.5774, 38.1782, 68.7821



61.3080, 39.0508, 77.5064



48.8334, 69.2525, 31.2161



15.5819, 15.2606, 18.3497



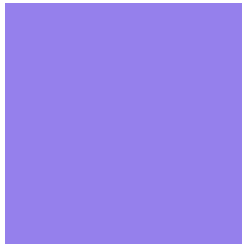
24.2439, 11.9002, 28.1492



1.9358, 0.9473, 2.3795

Previews

White Background



This preview shows how the XYZ color 35.2539, 27.8840, 82.8810 looks on a white background.

Color Contrast Check

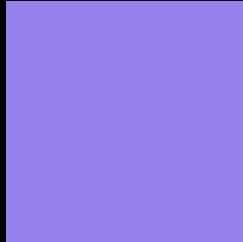
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.2539, 27.8840, 82.8810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

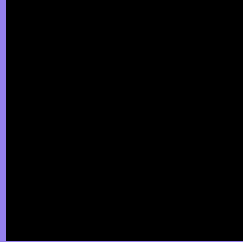
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.2539, 27.8840, 82.8810

Background



This preview shows how black text looks on a background with the XYZ color 35.2539, 27.8840, 82.8810.



This preview shows how white text looks on a background with the XYZ color 35.2539, 27.8840,

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

35.2539, 27.8840, 82.8810

Protanopia

31.2511, 28.0749, 92.5788

Deuteranopia

28.8531, 27.9969, 80.2271



Tritanopia

25.8105, 27.8517, 36.3633

Trichromacy



Original Color

35.2539, 27.8840, 82.8810

Protanomaly

32.3358, 27.8530, 89.2598

Deuteranomaly

30.4786, 27.5049, 80.7934

Tritanomaly

28.5768, 27.4137, 50.2396

Monochromacy



Original Color

35.2539, 27.8840, 82.8810

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

29.7275, 28.3067, 46.5448

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2539, 27.8840, 82.8810 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(149, 128, 236)` looks like.

```
.text, #text, p{  
    color:rgb(149, 128, 236)  
}
```

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(149, 128, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 128, 236) }
```

Border

The CSS property to change the border of an element to XYZ 35.2539, 27.8840, 82.8810 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(149, 128, 236) }
```


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

```
.border{ border-color:rgb(149, 128, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 128, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(149, 128, 236); -webkit-box-shadow:4px 4px 4px 4px rgb(149, 128, 236); box-shadow:4px 4px 4px 4px rgb(149, 128, 236) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2539, 27.8840, 82.8810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 128, 236) }
```

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

```
.background{ background-color: rgb(149,  
128, 236) }
```

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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