

Converting Colors

XYZ(35.1039, 27.4704, 84.8866)

Have a look what the booklet for
XYZ(35.1039, 27.4704, 84.8866)
contains.

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Color

**XYZ(35.0735, 27.3567,
85.0932)**

Conversions

Conversions Part 1

Format	Color
Hex	937EEF
RGB	147, 126, 239
RGB Percent	58%, 49%, 94%
CMY	0.4235, 0.5059, 0.0627
CMYK	0.38, 0.47, 0.00, 0.06
HSL	251°, 78%, 72%
HSV	251°, 47%, 94%
XYZ	35.0735, 27.3567, 85.0932
YIQ	145.1610, -23.7570, 39.5950

Conversions

Conversions Part 2

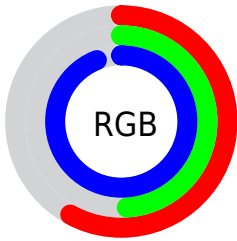
Format	Color
R_{YB}	147, 126, 239
Decimal	9666287
CIE _{Lab}	59.30, 34.05, -54.39
CIE _{LCh}	59, 64.169, 302.049
Yxy	27.3567, 0.2377, 0.1854
Android (android.graphics.Color)	4287856367 (0xFF937EEF)
YUV	145.1610, 46.2626, 1.6128
Hunter-Lab	52.3036, 28.1663, -59.8468

Details

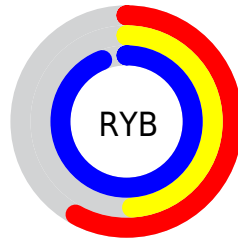
The XYZ color **35.0735, 27.3567, 85.0932** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **63.5456, 78.1450, 31.4736**, and the grayscale version is **26.8048, 28.2007, 30.7106**.

A 20% lighter version of the original color is **59.0719, 52.2976, 101.5888**, and **15.4118, 10.9093, 45.5494** is the 20% darker color. If you saturate the color by 10%, you get **29.1755, 20.3089, 84.0442**, and if you desaturate by 10%, it is **42.2938, 36.1705, 86.4144**.

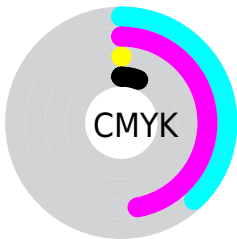
Distribution



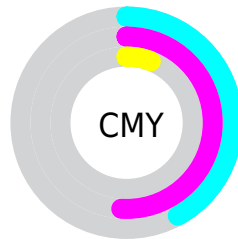
- Red (58%)
- Green (49%)
- Blue (94%)



- Red (58%)
- Yellow (49%)
- Blue (94%)



- Cyan (38%)
- Magenta (47%)
- Yellow (0%)
- Black (6%)



- Cyan (42%)
- Magenta (51%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.0735, 27.3567, 85.0932 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 35.0735, 27.3567, 85.0932 by changing the saturation by 10% instead.

■ 35.0735, 27.3567,
85.0932

■ 35.0735, 27.3567,
85.0932

316.3950,
289.3801, 532.0890

■ 23.8863, 17.8413,
63.3678

■ 66.9329, 55.4557,
142.3787

■ 15.3736, 10.8361,
45.6959

■ 88.3358, 74.8081,
178.7759

■ 9.1700, 5.9567,
31.6590

■ 113.8746, 98.2083,
220.9007

■ 4.9102, 2.8188,
20.8385

143.9147,
126.0407, 269.1718

■ 2.2289, 1.0379,
12.8159

178.8214,
158.6897, 324.0076

■ 0.7579, 0.0000,
7.1727

218.9601,

■ 0.0000, 0.0000,

196.5397, 385.8268

3.4902

264.6962,
239.9750, 455.0477

■ 0.0000, 0.0000,
1.3501

■ 0.0000, 0.0000,
0.1023

■ 35.0735, 27.3567,
85.0932

■ 35.0735, 27.3567,
85.0932

■ 29.1755, 20.3089,
84.0442

■ 42.2938, 36.1705,
86.4144

■ 24.5140, 14.9032,
83.2465

■ 50.9082, 46.8568,
88.0231

■ 20.9978, 11.0042,
82.6792

■ 60.9874, 59.5171,
89.9355

■ 18.5211, 8.4526,
82.3173

■ 72.5960, 74.2447,
92.1664

■ 16.9521, 7.0441,
82.1281

■ 85.7949, 91.1269,
94.7293

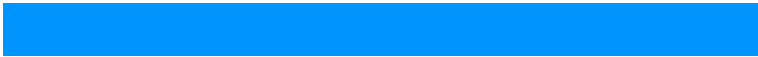
■ 16.6370, 6.7769,
82.0931

■ 92.5801, 99.0120,
95.8937

Harmonies

Analogous

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



26.5570, 27.3567, 99.3142



35.0735, 27.3567, 85.0932



42.1416, 27.3567, 55.6539

Triad

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



35.0735, 27.3567, 85.0932



33.9205, 27.3567, 5.3272



13.4345, 27.3567, 31.3940

Complementary

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



35.0735, 27.3567, 85.0932



63.5456, 78.1450, 31.4736

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.



14.6197, 27.3567, 13.5109



35.0735, 27.3567, 85.0932



25.4542, 27.3567, 3.8607

Square

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



35.0735, 27.3567, 85.0932



41.3854, 27.3567, 11.9597



18.6469, 27.3567, 5.8444



14.9986, 27.3567, 59.9070

Rectangle

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



35.0735, 27.3567, 85.0932



44.4605, 27.3567, 36.3232



18.6469, 27.3567, 5.8444



13.5238, 27.3567, 24.0857

Sweetspot

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



35.0746, 27.3577, 85.0939



74.8036, 74.1980, 104.9868



49.3298, 60.9582, 90.8281



15.4117, 15.1230, 22.3567



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.



35.0746, 27.3577, 85.0939



33.8500, 23.5866, 97.3763



47.7291, 33.8813, 85.6861



15.1713, 15.3700, 19.8887



9.2737, 3.7861, 45.3699



0.8468, 0.3538, 3.7779

Inverse Universe

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



55.7126, 38.3349, 70.7914



60.7797, 37.9371, 77.5066



49.4894, 70.8987, 30.8158



16.3209, 15.9781, 19.2460



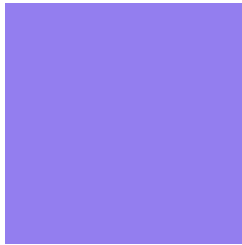
25.1343, 12.3262, 29.6875



2.1232, 1.0383, 2.6396

Previews

White Background



This preview shows how the XYZ color 35.0735, 27.3567, 85.0932 looks on a white background.

Color Contrast Check

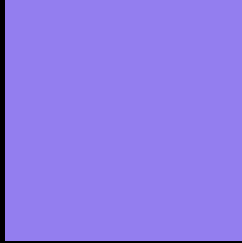
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.0735, 27.3567, 85.0932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

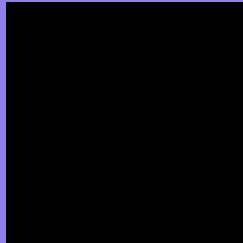
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.0735, 27.3567, 85.0932

Background



This preview shows how black text looks on a background with the XYZ color 35.0735, 27.3567, 85.0932.



This preview shows how white text looks on a background with the XYZ color 35.0735, 27.3567,

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

35.0735, 27.3567, 85.0932

Protanopia

30.9596, 27.6544, 94.9729

Deuteranopia

28.3851, 27.4821, 82.4058



Tritanopia

25.1133, 27.2743, 35.8391

Trichromacy



Original Color

35.0735, 27.3567, 85.0932

Protanomaly

31.8691, 27.1451, 91.5555

Deuteranomaly

30.0298, 27.0116, 82.9879

Tritanomaly

28.0498, 26.9157, 50.7306

Monochromacy



Original Color

35.0735, 27.3567, 85.0932

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

29.0792, 27.5426, 46.4314

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0735, 27.3567, 85.0932 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, 126, 239)` looks like.

```
.text, #text, p{  
    color:rgb(147, 126, 239)  
}
```

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, 126, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 126, 239) }
```

Border

The CSS property to change the border of an element to XYZ 35.0735, 27.3567, 85.0932 is called "border". The border property can be set on classes, ids or directly on the HTML element.

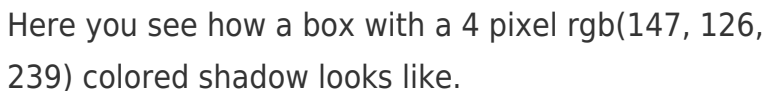
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(147, 126, 239) }
```


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

```
.border{ border-color:rgb(147, 126, 239) }
```

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



Here you see how a box with a 4 pixel `rgb(147, 126, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(147, 126, 239); -webkit-box-shadow:4px 4px 4px 4px rgb(147, 126, 239); box-shadow:4px 4px 4px 4px rgb(147, 126, 239) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0735, 27.3567, 85.0932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 126, 239) }
```

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

```
.background{ background-color: rgb(147,  
126, 239) }
```

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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