

Converting Colors

XYZ(41.5247, 37.9427, 89.9291)

Have a look what the booklet for
XYZ(41.5247, 37.9427, 89.9291)
contains.

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Color

**XYZ(41.5247, 37.9427,
89.9291)**

Conversions

Conversions Part 1

Format	Color
Hex	989FF3
RGB	152, 159, 243
RGB Percent	60%, 62%, 95%
CMY	0.4039, 0.3765, 0.0471
CMYK	0.37, 0.35, 0.00, 0.05
HSL	235°, 79%, 77%
HSV	235°, 37%, 95%
XYZ	41.5247, 37.9427, 89.9291
YIQ	166.4830, -31.1360, 24.6400

Conversions

Conversions Part 2

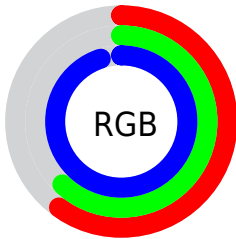
Format	Color
R _Y B	152, 159, 243
Decimal	10002419
CIE Lab	67.98, 17.42, -42.86
CIE LCh	68, 46.263, 292.120
Yxy	37.9427, 0.2451, 0.2240
Android (android.graphics.Color)	4288192499 (0xFF989FF3)
YUV	166.4830, 37.7229, -12.7016
Hunter-Lab	61.5976, 12.5360, -43.4417

Details

The XYZ color **41.5247, 37.9427, 89.9291** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **72.6264, 81.3143, 41.5750**, and the grayscale version is **36.3141, 38.2053, 41.6056**.

A 20% lighter version of the original color is **68.3911, 68.8684, 104.2961**, and **19.1553, 16.8117, 48.6898** is the 20% darker color. If you saturate the color by 10%, you get **33.9203, 28.8071, 88.5673**, and if you desaturate by 10%, it is **50.7634, 48.9612, 91.5697**.

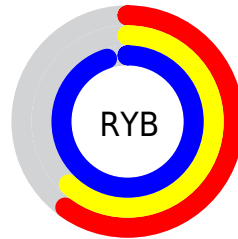
Distribution



Red (60%)

Green (62%)

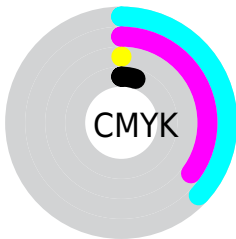
Blue (95%)



Red (60%)

Yellow (62%)

Blue (95%)

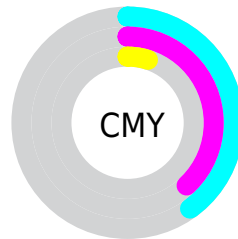


Cyan (37%)

Magenta (35%)

Yellow (0%)

Black (5%)



Cyan (40%)

Magenta (38%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.5247, 37.9427, 89.9291 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 41.5247, 37.9427, 89.9291 by changing the saturation by 10% instead.

■ 41.5247, 37.9427,
89.9291

■ 41.5247, 37.9427,
89.9291

343.5341,
337.3741, 548.3643

■ 28.9188, 25.9382,
67.3485

■ 76.7495, 72.0203,
149.1746

■ 19.1634, 16.7774,
48.9045

■ 100.0990, 94.8622,
186.6765

■ 11.8931, 10.0759,
34.1787

127.7605,
122.0854, 229.9892

■ 6.7426, 5.4493,
22.7524

160.0992,
154.0742, 279.5313

■ 3.3465, 2.5132,
14.2072

197.4806,
191.2131, 335.7214

■ 1.3396, 0.8833,
8.1245

240.2700,

■ 0.2125, 0.0000,

233.8865, 398.9778

4.0858

288.8327,
282.4787, 469.7193

■ 0.0000, 0.0000,
1.6725

■ 0.0000, 0.0000,
0.3418

■ 41.5247, 37.9427,
89.9291

■ 41.5247, 37.9427,
89.9291

■ 33.9203, 28.8071,
88.5673

■ 50.7634, 48.9612,
91.5697

■ 27.8509, 21.4449,
87.4661

■ 61.7198, 61.9555,
93.5003

■ 23.2129, 15.7418,
86.6097

■ 74.4763, 77.0173,
95.7352

■ 19.8879, 11.5683,
85.9794

■ 89.1092, 94.2314,
98.2866

■ 17.7384, 8.7756,
85.5537

■ 93.1778, 99.2511,
99.0411

■ 16.5907, 7.1817,
85.3065

■ 16.4054, 6.9264,
85.2670

Harmonies

Analogous

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



34.2008, 37.9427, 94.2646



41.5247, 37.9427, 89.9291



48.1153, 37.9427, 70.7102

Triad

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



41.5247, 37.9427, 89.9291



45.2371, 37.9427, 17.2765



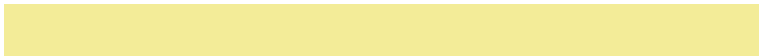
24.0274, 37.9427, 36.1185

Complementary

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



41.5247, 37.9427, 89.9291



72.6264, 81.3143, 41.5750

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.



26.2134, 37.9427, 21.4565



41.5247, 37.9427, 89.9291



37.9925, 37.9427, 13.1919

Square

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



41.5247, 37.9427, 89.9291



50.4495, 37.9427, 28.1237



31.1032, 37.9427, 14.4149



24.7106, 37.9427, 58.0908

Rectangle

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



41.5247, 37.9427, 89.9291



50.8884, 37.9427, 54.7030



31.1032, 37.9427, 14.4149



24.4396, 37.9427, 30.3087

Sweetspot

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



41.5261, 37.9441, 89.9300



77.7618, 79.6408, 105.8815



60.0564, 76.7999, 90.5727



16.2258, 16.5525, 22.5897



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.



41.5261, 37.9441, 89.9300



39.6668, 34.3359, 99.1446



48.6218, 39.8657, 89.9269



15.6835, 16.1314, 20.8296



9.0402, 3.8742, 46.8094



0.8293, 0.4101, 4.1257

Inverse Universe

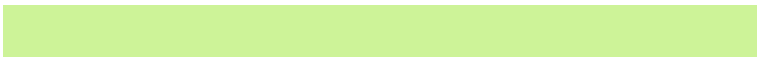
The Inverse Universe completely reimagines the original color for something new.



54.4496, 44.0160, 38.4282



56.0855, 42.2616, 33.6666



62.9192, 79.3602, 41.7094



16.5508, 16.5032, 17.3813



20.3676, 10.4905, 1.3782



1.8077, 0.9290, 0.2136

Previews

White Background



This preview shows how the XYZ color 41.5247, 37.9427, 89.9291 looks on a white background.

Color Contrast Check

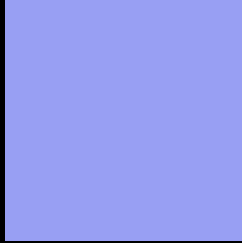
Large Text (above 18pt) WCAG AA × Fail

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 41.5247, 37.9427, 89.9291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

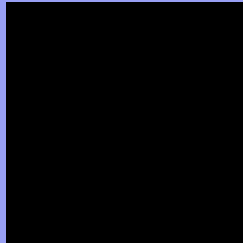
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.5247, 37.9427, 89.9291

Background



This preview shows how black text looks on a background with the XYZ color 41.5247, 37.9427, 89.9291.



This preview shows how white text looks on a background with the XYZ color 41.5247, 37.9427,

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

41.5247, 37.9427, 89.9291

Protanopia

40.0483, 38.1666, 92.4449

Deuteranopia

38.9753, 37.9483, 89.2749



Tritanopia

33.6959, 37.9898, 50.9042

Trichromacy



Original Color

41.5247, 37.9427, 89.9291

Protanomaly

40.5571, 38.1840, 91.6189

Deuteranomaly

39.7626, 37.8269, 89.2100

Tritanomaly

36.1659, 37.8849, 63.1640

Monochromacy



Original Color

41.5247, 37.9427, 89.9291

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

37.5327, 37.6665, 56.3311

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5247, 37.9427, 89.9291 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(152, 159, 243)` looks like.

```
.text, #text, p{  
    color:rgb(152, 159, 243)  
}
```

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(152, 159, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 159, 243) }
```

Border

The CSS property to change the border of an element to XYZ 41.5247, 37.9427, 89.9291 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(152, 159, 243) }
```


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

```
.border{ border-color:rgb(152, 159, 243) }
```

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

Here you see how a box with a 4 pixel rgb(152, 159, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 159, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 159, 243);  
box-shadow:4px 4px 4px 4px rgb(152, 159,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5247, 37.9427, 89.9291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 159, 243) }
```

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

```
.background{ background-color: rgb(152,  
159, 243) }
```

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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