

Converting Colors

XYZ(44.2239, 37.5926,
114.7552)

Have a look what the booklet for
XYZ(44.2239, 37.5926, 114.7552)
contains.

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Color

**XYZ(41.2827, 36.3509,
99.4483)**

Conversions

Conversions Part 1

Format	Color
Hex	919AFF
RGB	145, 154, 255
RGB Percent	57%, 60%, 100%
CMY	0.4314, 0.3961, 0.0000
CMYK	0.43, 0.40, 0.00, 0.00
HSL	235°, 100%, 78%
HSV	235°, 43%, 100%
XYZ	41.2827, 36.3509, 99.4483
YIQ	162.8230, -37.7850, 29.5030

Conversions

Conversions Part 2

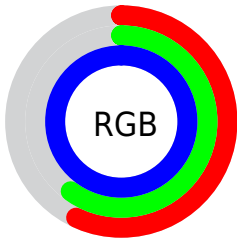
Format	Color
R _Y B	145, 153, 255
Decimal	9542399
CIE Lab	66.79, 21.82, -51.31
CIE LCh	67, 55.757, 293.034
Yxy	36.3509, 0.2331, 0.2053
Android (android.graphics.Color)	4287732479 (0xFF919AFF)
YUV	162.8230, 45.4433, -15.6308
Hunter-Lab	60.2917, 16.7113, -55.5918

Details

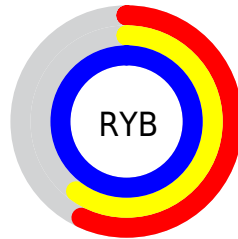
The XYZ color **41.2827, 36.3509, 99.4483** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **79.3080, 89.2180, 39.8311**, and the grayscale version is **34.5359, 36.3344, 39.5682**.

A 20% lighter version of the original color is **65.2345, 65.0283, 103.7212**, and **19.0678, 15.8524, 55.4809** is the 20% darker color. If you saturate the color by 10%, you get **33.7884, 27.2999, 98.0963**, and if you desaturate by 10%, it is **50.5416, 47.4315, 101.0991**.

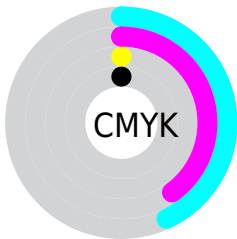
Distribution



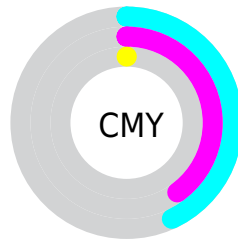
- Red (57%)
- Green (60%)
- Blue (100%)



- Red (57%)
- Yellow (60%)
- Blue (100%)



- Cyan (43%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)



- Cyan (43%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.2827, 36.3509, 99.4483 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 41.2827, 36.3509, 99.4483 by changing the saturation by 10% instead.

■ 41.2827, 36.3509,
99.4483

■ 41.2827, 36.3509,
99.4483

342.5432,
330.4917, 579.6540

■ 28.7287, 24.7053,
75.2256

■ 76.3849, 69.5733,
162.4441

■ 19.0189, 15.8576,
55.2948

■ 99.6637, 91.9190,
202.0542

■ 11.7880, 9.4235,
39.2376

127.2482,
118.6001, 247.6305

■ 6.6707, 5.0184,
26.6354

159.5038,
150.0011, 299.5915

■ 3.3015, 2.2581,
17.0696

196.7957,
186.5063, 358.3559

■ 1.3151, 0.7514,
10.1216

239.4893,

■ 0.1945, 0.0000,

228.5003, 424.3420

5.3730

287.9500,
276.3672, 497.9686

■ 0.0000, 0.0000,
2.4052

■ 0.0000, 0.0000,
0.7893

■ 41.2827, 36.3509,
99.4483

■ 41.2827, 36.3509,
99.4483

■ 33.7884, 27.2999,
98.0963

■ 50.5416, 47.4315,
101.0991

■ 27.9425, 20.1516,
97.0247

■ 61.6636, 60.6509,
103.0645

■ 23.6210, 14.7705,
96.2138

■ 74.7445, 76.1147,
105.3599

■ 20.6805, 11.0017,
95.6413

■ 89.8724, 93.9206,
107.9995

■ 18.9497, 8.6627,
95.2811

95.0500, 100.0000,
108.9000

■ 18.3155, 7.7511,
95.1385

Harmonies

Analogous

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



32.6232, 36.3509, 105.7798



41.2827, 36.3509, 99.4483



49.1733, 36.3509, 74.5369

Triad

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



41.2827, 36.3509, 99.4483



45.2333, 36.3509, 12.8836



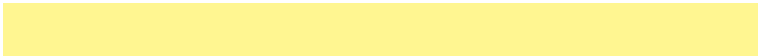
20.8388, 36.3509, 34.2168

Complementary

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



41.2827, 36.3509, 99.4483



79.3080, 89.2180, 39.8311

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.



23.1586, 36.3509, 17.7267



41.2827, 36.3509, 99.4483



36.5521, 36.3509, 9.0840

Square

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



41.2827, 36.3509, 99.4483



51.7007, 36.3509, 24.0640



28.5930, 36.3509, 10.4008



21.6865, 36.3509, 60.6437

Rectangle

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



41.2827, 36.3509, 99.4483



52.4716, 36.3509, 54.7162



28.5930, 36.3509, 10.4008



21.2595, 36.3509, 27.5293

Sweetspot

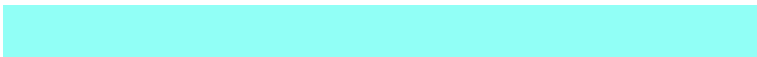
The Sweet Spot groups the original color and five complimentary colors.



41.2840, 36.3521, 99.4485



74.9351, 76.3395, 105.3932



64.0471, 84.1839, 99.9286



15.3829, 15.5653, 22.4436



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.



41.2840, 36.3521, 99.4485



34.5540, 28.2292, 98.2353



49.6210, 38.5276, 99.4290



17.1224, 17.6164, 22.7478



9.6116, 4.1327, 49.7257



0.9749, 0.4805, 4.8546

Inverse Universe

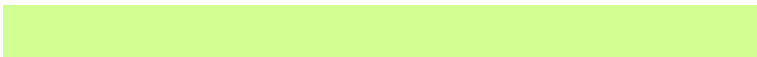
The Inverse Universe completely reimagines the original color for something new.



57.1991, 43.8456, 36.0211



52.4994, 36.9778, 26.6498



67.2136, 87.1445, 40.0683



18.0697, 18.0112, 18.9840



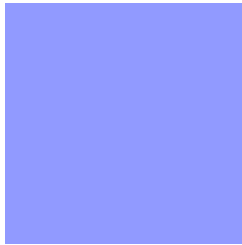
21.6397, 11.1452, 1.4870



2.1267, 1.0931, 0.2486

Previews

White Background



This preview shows how the XYZ color 41.2827, 36.3509, 99.4483 looks on a white background.

Color Contrast Check

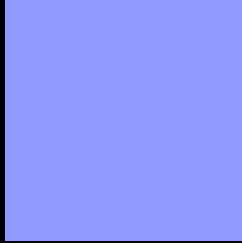
Large Text (above 18pt) WCAG AA × Fail

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 41.2827, 36.3509, 99.4483 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

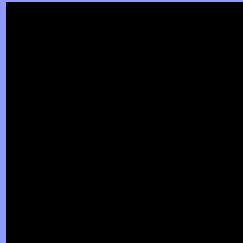
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.2827, 36.3509, 99.4483

Background



This preview shows how black text looks on a background with the XYZ color 41.2827, 36.3509, 99.4483.



This preview shows how white text looks on a background with the XYZ color 41.2827, 36.3509,

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

41.2827, 36.3509, 99.4483

Protanopia

39.0523, 36.4519, 99.5854

Deuteranopia

37.5894, 36.5099, 97.9945



Tritanopia

31.3394, 36.2305, 50.1412

Trichromacy



Original Color

41.2827, 36.3509, 99.4483

Protanomaly

39.7798, 36.3205, 99.5217

Deuteranomaly

38.7450, 36.3120, 98.7328

Tritanomaly

34.4569, 36.1409, 65.4814

Monochromacy



Original Color

41.2827, 36.3509, 99.4483

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

36.2449, 36.1951, 57.3006

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2827, 36.3509, 99.4483 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(145, 154, 255)` looks like.

```
.text, #text, p{  
    color:rgb(145, 154, 255)  
}
```

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(145, 154, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 154, 255) }
```

Border

The CSS property to change the border of an element to XYZ 41.2827, 36.3509, 99.4483 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(145, 154, 255) }
```


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

```
.border{ border-color:rgb(145, 154, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 154, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 154, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 154, 255);  
box-shadow:4px 4px 4px 4px rgb(145, 154,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2827, 36.3509, 99.4483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 154, 255) }
```

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

```
.background{ background-color: rgb(145,  
154, 255) }
```

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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