

Converting Colors

XYZ(41.4322, 37.4245, 99.6477)

Have a look what the booklet for
XYZ(41.4322, 37.4245, 99.6477)
contains.

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Color

**XYZ(41.4322, 37.4245,
99.6477)**

Conversions

Conversions Part 1

Format	Color
Hex	8E9EFF
RGB	142, 158, 255
RGB Percent	56%, 62%, 100%
CMY	0.4431, 0.3804, 0.0000
CMYK	0.44, 0.38, 0.00, 0.00
HSL	232°, 100%, 78%
HSV	232°, 44%, 100%
XYZ	41.4322, 37.4245, 99.6477
YIQ	164.2740, -40.6730, 26.7750

Conversions

Conversions Part 2

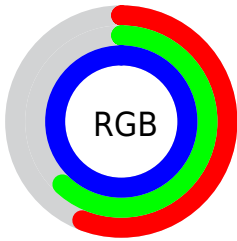
Format	Color
RYB	142, 156, 255
Decimal	9346815
CIELab	67.59, 18.79, -50.05
CIElCh	68, 53.462, 290.581
Yxy	37.4245, 0.2321, 0.2097
Android (android.graphics.Color)	4287536895 (0xFF8E9EFF)
YUV	164.2740, 44.7279, -19.5343
Hunter-Lab	61.1756, 13.8349, -53.7534

Details

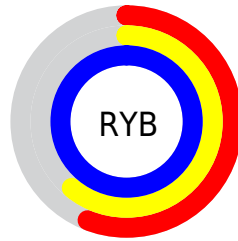
The XYZ color **41.4322, 37.4245, 99.6477** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **76.9902, 84.9477, 37.9319**, and the grayscale version is **35.2257, 37.0602, 40.3586**.

A 20% lighter version of the original color is **65.4129, 66.5863, 104.0126**, and **19.1069, 16.4774, 55.5995** is the 20% darker color. If you saturate the color by 10%, you get **34.1398, 28.6078, 98.3302**, and if you desaturate by 10%, it is **50.3928, 48.0896, 101.2340**.

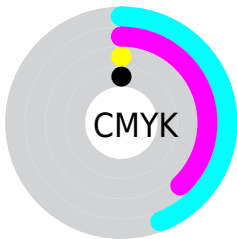
Distribution



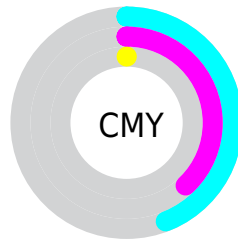
- Red (56%)
- Green (62%)
- Blue (100%)



- Red (56%)
- Yellow (61%)
- Blue (100%)



- Cyan (44%)
- Magenta (38%)
- Yellow (0%)
- Black (0%)



- Cyan (44%)
- Magenta (38%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.4322, 37.4245, 99.6477 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 41.4322, 37.4245, 99.6477 by changing the saturation by 10% instead.

■ 41.4322, 37.4245,
99.6477

■ 41.4322, 37.4245,
99.6477

343.1556,
335.1447, 580.2996

■ 28.8461, 25.5363,
75.3911

■ 76.6101, 71.2252,
162.7206

■ 19.1081, 16.4771,
55.4297

■ 99.9327, 93.9065,
202.3740

■ 11.8529, 9.8624,
39.3449

127.5648,
120.9543, 247.9968

■ 6.7151, 5.3078,
26.7183

159.8717,
152.7530, 300.0074

■ 3.3293, 2.4290,
17.1312

197.2189,
189.6870, 358.8244

■ 1.3302, 0.8407,
10.1651

239.9717,

■ 0.2057, 0.0000,

232.1407, 424.8665

5.4015

288.4955,
280.4985, 498.5520

■ 0.0000, 0.0000,
2.4219

■ 0.0000, 0.0000,
0.7983

■ 41.4322, 37.4245,
99.6477

■ 41.4322, 37.4245,
99.6477

■ 34.1398, 28.6078,
98.3302

■ 50.3928, 48.0896,
101.2340

■ 28.4074, 21.5294,
97.2661

■ 61.1130, 60.6970,
103.1024

■ 24.1196, 16.0732,
96.4389

■ 73.6823, 75.3385,
105.2661

■ 21.1433, 12.1072,
95.8303

■ 88.1826, 92.0992,
107.7369

■ 19.3188, 9.4769,
95.4188

95.0500, 100.0000,
108.9000

■ 18.6840, 8.4879,
95.2613

Harmonies

Analogous

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



33.0422, 37.4245, 103.8491



41.4322, 37.4245, 99.6477



49.2581, 37.4245, 76.8566

Triad

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



41.4322, 37.4245, 99.6477



46.6016, 37.4245, 14.7978



22.1258, 37.4245, 33.7696

Complementary

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



41.4322, 37.4245, 99.6477



76.9902, 84.9477, 37.9319

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.



24.6877, 37.4245, 18.2049



41.4322, 37.4245, 99.6477



38.2253, 37.4245, 10.3878

Square

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



41.4322, 37.4245, 99.6477



52.5478, 37.4245, 26.7966



30.2902, 37.4245, 11.3330



22.7118, 37.4245, 58.8584

Rectangle

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



41.4322, 37.4245, 99.6477



52.6904, 37.4245, 57.7604



30.2902, 37.4245, 11.3330



22.6304, 37.4245, 27.4559

Sweetspot

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



41.4335, 37.4258, 99.6479



75.4726, 77.4145, 105.5724



62.3563, 83.4473, 93.7484



15.5135, 15.8267, 22.4872



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.



41.4335, 37.4258, 99.6479



35.0052, 29.6629, 98.4883



46.9098, 36.4583, 99.1725



17.2104, 17.7924, 22.7771



9.8252, 4.5600, 49.7969



1.0163, 0.5633, 4.8684

Inverse Universe

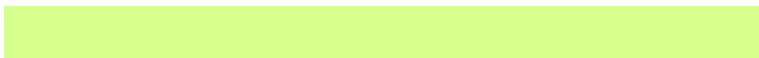
The Inverse Universe completely reimagines the original color for something new.



57.0855, 43.0762, 37.6547



52.5975, 36.5205, 28.6969



68.8001, 87.9887, 38.9506



18.1141, 18.0290, 19.2180



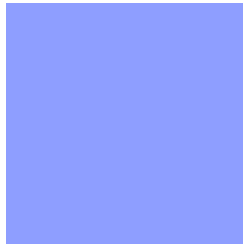
21.7475, 11.1883, 2.0549



2.1476, 1.1014, 0.3586

Previews

White Background



This preview shows how the XYZ color 41.4322, 37.4245, 99.6477 looks on a white background.

Color Contrast Check

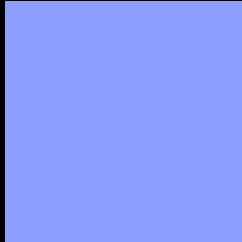
Large Text (above 18pt) WCAG AA × Fail

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 41.4322, 37.4245, 99.6477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

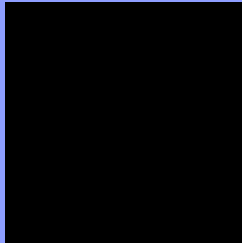
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.4322, 37.4245, 99.6477

Background



This preview shows how black text looks on a background with the XYZ color 41.4322, 37.4245, 99.6477.



This preview shows how white text looks on a background with the XYZ color 41.4322, 37.4245,

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

41.4322, 37.4245, 99.6477

Protanopia

40.0008, 37.4556, 99.7291

Deuteranopia

38.7726, 37.6286, 98.9854



Tritanopia

31.7838, 37.2612, 51.9713

Trichromacy



Original Color

41.4322, 37.4245, 99.6477

Protanomaly

40.4523, 37.4299, 99.7004

Deuteranomaly

39.5621, 37.5084, 98.9206

Tritanomaly

34.7825, 37.0864, 66.9532

Monochromacy



Original Color

41.4322, 37.4245, 99.6477

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

36.7087, 36.9398, 58.0187

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4322, 37.4245, 99.6477 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, 158, 255)` looks like.

```
.text, #text, p{  
    color:rgb(142, 158, 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(142, 158, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 158, 255) }
```

Border

The CSS property to change the border of an element to XYZ 41.4322, 37.4245, 99.6477 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, 158, 255) }
```


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

```
.border{ border-color:rgb(142, 158, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 158, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 158, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 158, 255);  
box-shadow:4px 4px 4px 4px rgb(142, 158,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4322, 37.4245, 99.6477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 158, 255) }
```

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

```
.background{ background-color: rgb(142,  
158, 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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