

Converting Colors

XYZ(40.5056, 37.2183, 94.9478)

Have a look what the booklet for
XYZ(40.5056, 37.2183, 94.9478)
contains.

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Color

**XYZ(40.4815, 37.2985,
94.6883)**

Conversions

Conversions Part 1

Format	Color
Hex	8D9FF9
RGB	141, 159, 249
RGB Percent	55%, 62%, 98%
CMY	0.4470, 0.3765, 0.0235
CMYK	0.43, 0.36, 0.00, 0.02
HSL	230°, 90%, 76%
HSV	230°, 43%, 98%
XYZ	40.4815, 37.2985, 94.6883
YIQ	163.8780, -39.6180, 24.1740

Conversions

Conversions Part 2

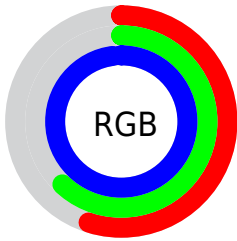
Format	Color
R _Y B	141, 156, 249
Decimal	9281529
CIE Lab	67.50, 16.28, -46.94
CIE LCh	68, 49.677, 289.126
Yxy	37.2985, 0.2347, 0.2163
Android (android.graphics.Color)	4287471609 (0xFF8D9FF9)
YUV	163.8780, 41.9651, -20.0640
Hunter-Lab	61.0725, 11.4407, -49.1739

Details

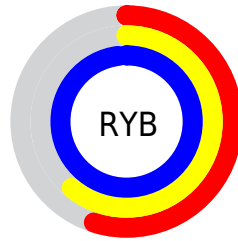
The XYZ color **40.4815, 37.2985, 94.6883** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **72.4521, 79.2168, 36.6729**, and the grayscale version is **35.0502, 36.8755, 40.1574**.

A 20% lighter version of the original color is **65.1330, 66.8143, 104.0713**, and **18.5331, 16.4157, 52.0609** is the 20% darker color. If you saturate the color by 10%, you get **33.4401, 28.8091, 93.4215**, and if you desaturate by 10%, it is **49.0764, 47.4791, 96.2011**.

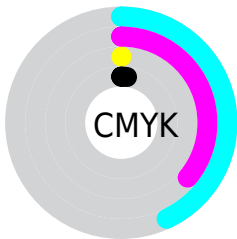
Distribution



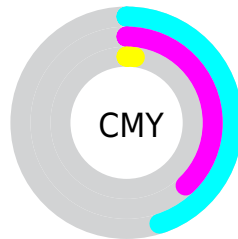
- Red (55%)
- Green (62%)
- Blue (98%)



- Red (55%)
- Yellow (61%)
- Blue (98%)



- Cyan (43%)
- Magenta (36%)
- Yellow (0%)
- Black (2%)



- Cyan (45%)
- Magenta (38%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.4815, 37.2985, 94.6883 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 40.4815, 37.2985, 94.6883 by changing the saturation by 10% instead.

■ 40.4815, 37.2985,
94.6883

■ 40.4815, 37.2985,
94.6883

339.2486,
334.6011, 564.1255

■ 28.1000, 25.4387,
71.2801

■ 75.1759, 71.0316,
155.8258

■ 18.5419, 16.4042,
52.0876

■ 98.2195, 93.6738,
194.3922

■ 11.4418, 9.8106,
36.6922

125.5478,
120.6788, 238.8484

■ 6.4343, 5.2736,
24.6753

157.5263,
152.4311, 289.6129

■ 3.1541, 2.4087,
15.6185

194.5203,
189.3151, 347.1043

■ 1.2358, 0.8303,
9.1032

236.8951,

■ 0.1343, 0.0000,

231.7151, 411.7412

4.7108

285.0161,
280.0157, 483.9421

■ 0.0000, 0.0000,
2.0229

■ 0.0000, 0.0000,
0.5693

■ 40.4815, 37.2985,
94.6883

■ 40.4815, 37.2985,
94.6883

■ 33.4401, 28.8091,
93.4215

■ 49.0764, 47.4791,
96.2011

■ 27.8535, 21.9139,
92.3851

■ 59.3069, 59.4328,
97.9692

■ 23.6181, 16.5119,
91.5656

■ 71.2544, 73.2407,
100.0047

■ 20.6142, 12.4883,
90.9473

■ 84.9934, 88.9778,
102.3181

■ 18.6995, 9.7105,
90.5120

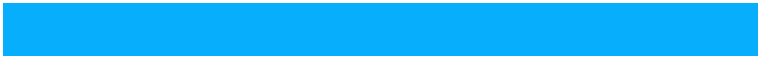
■ 94.0990, 99.6196,
103.8923

■ 17.9092, 8.4600,
90.3123

Harmonies

Analogous

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



32.7533, 37.2985, 97.4681



40.4815, 37.2985, 94.6883



47.7497, 37.2985, 74.8030

Triad

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



40.4815, 37.2985, 94.6883



45.9511, 37.2985, 16.3957



22.9010, 37.2985, 33.1857

Complementary

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



40.4815, 37.2985, 94.6883



72.4521, 79.2168, 36.6729

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.



25.4695, 37.2985, 18.8450



40.4815, 37.2985, 94.6883



38.2931, 37.2985, 11.7360

Square

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



40.4815, 37.2985, 94.6883



51.2074, 37.2985, 28.3360



30.8557, 37.2985, 12.4338



23.3120, 37.2985, 56.0021

Rectangle

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



40.4815, 37.2985, 94.6883



51.0119, 37.2985, 57.5088



30.8557, 37.2985, 12.4338



23.4280, 37.2985, 27.3982

Sweetspot

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



40.4829, 37.2998, 94.6892



75.6999, 77.8692, 105.6482



59.2853, 79.1847, 87.7620



15.5689, 15.9374, 22.5056



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.



40.4829, 37.2998, 94.6892



36.1816, 31.4845, 98.7779



44.7569, 35.2383, 94.0660



16.5167, 17.1103, 21.8174



9.6545, 4.6646, 48.3651



0.9584, 0.5605, 4.5008

Inverse Universe

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



54.8510, 41.6943, 37.9588



53.3209, 37.3064, 30.9761



66.1252, 83.8216, 37.8952



17.3626, 17.2724, 18.4992



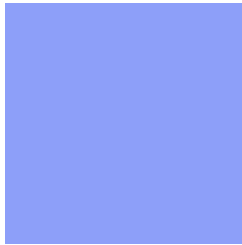
21.1652, 10.8818, 2.3123



1.9927, 1.0208, 0.3849

Previews

White Background



This preview shows how the XYZ color 40.4815, 37.2985, 94.6883 looks on a white background.

Color Contrast Check

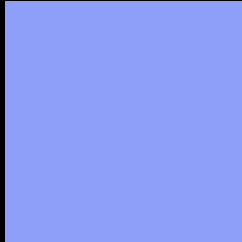
Large Text (above 18pt) WCAG AA × Fail

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 40.4815, 37.2985, 94.6883 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

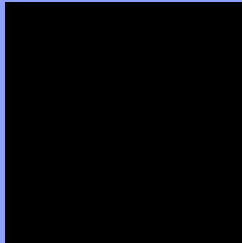
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.4815, 37.2985, 94.6883

Background



This preview shows how black text looks on a background with the XYZ color 40.4815, 37.2985, 94.6883.



This preview shows how white text looks on a background with the XYZ color 40.4815, 37.2985,

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

40.4815, 37.2985, 94.6883

Protanopia

39.6732, 37.3603, 96.3870

Deuteranopia

38.3527, 37.2568, 93.9768



Tritanopia

31.9276, 37.3353, 51.9780

Trichromacy



Original Color

40.4815, 37.2985, 94.6883

Protanomaly

39.8178, 37.1946, 95.5231

Deuteranomaly

39.0695, 37.3638, 93.9597

Tritanomaly

34.5333, 36.9867, 65.6407

Monochromacy



Original Color

40.4815, 37.2985, 94.6883

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

36.4810, 36.8487, 56.8195

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.4815, 37.2985, 94.6883 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(141, 159, 249)` looks like.

```
.text, #text, p{  
    color:rgb(141, 159, 249)  
}
```

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(141, 159, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 159, 249) }
```

Border

The CSS property to change the border of an element to XYZ 40.4815, 37.2985, 94.6883 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(141, 159, 249) }
```


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

```
.border{ border-color:rgb(141, 159, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 159, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 159, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 159, 249);  
box-shadow:4px 4px 4px 4px rgb(141, 159,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 40.4815, 37.2985, 94.6883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 159, 249) }
```

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

```
.background{ background-color: rgb(141,  
159, 249) }
```

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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