

Converting Colors

XYZ(41.7573, 37.9458, 99.7312)

Have a look what the booklet for
XYZ(41.7573, 37.9458, 99.7312)
contains.

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Color

**XYZ(41.7758, 37.8559,
99.7128)**

Conversions

Conversions Part 1

Format	Color
Hex	8F9FFF
RGB	143, 159, 255
RGB Percent	56%, 62%, 100%
CMY	0.4392, 0.3765, 0.0000
CMYK	0.44, 0.38, 0.00, 0.00
HSL	231°, 100%, 78%
HSV	231°, 44%, 100%
XYZ	41.7758, 37.8559, 99.7128
YIQ	165.1600, -40.3520, 26.4640

Conversions

Conversions Part 2

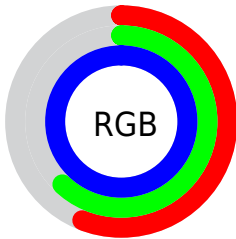
Format	Color
RYB	143, 157, 255
Decimal	9412607
CIELab	67.91, 18.46, -49.54
CIELCh	68, 52.868, 290.436
Yxy	37.8559, 0.2329, 0.2111
Android (android.graphics.Color)	4287602687 (0xFF8F9FFF)
YUV	165.1600, 44.2911, -19.4343
Hunter-Lab	61.5271, 13.5257, -53.0182

Details

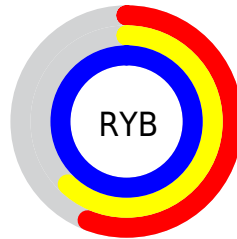
The XYZ color **41.7758, 37.8559, 99.7128** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **77.0655, 84.9777, 38.3291**, and the grayscale version is **35.6502, 37.5067, 40.8448**.

A 20% lighter version of the original color is **65.9316, 67.2260, 104.1087**, and **19.3934, 16.7808, 55.6430** is the 20% darker color. If you saturate the color by 10%, you get **34.4204, 28.9695, 98.3853**, and if you desaturate by 10%, it is **50.8016, 48.5912, 101.3092**.

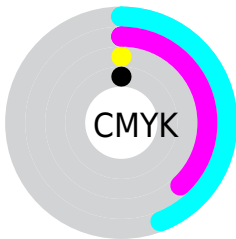
Distribution



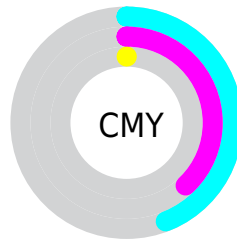
- Red (56%)
- Green (62%)
- Blue (100%)



- Red (56%)
- Yellow (62%)
- 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 41.7758, 37.8559, 99.7128 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 41.7758, 37.8559, 99.7128 by changing the saturation by 10% instead.

■ 41.7758, 37.8559,
99.7128

■ 41.7758, 37.8559,
99.7128

344.5602,
337.0014, 580.5103

■ 29.1161, 25.8709,
75.4452

■ 77.1275, 71.8872,
162.8109

■ 19.3134, 16.7271,
55.4737

■ 100.5502, 94.7023,
202.4784

■ 12.0023, 10.0401,
39.3800

128.2913,
121.8962, 248.1163

■ 6.8175, 5.4255,
26.7454

160.7162,
153.8532, 300.1431

■ 3.3935, 2.4990,
17.1513

198.1901,
190.9579, 358.9774

■ 1.3651, 0.8762,
10.1793

241.0785,

■ 0.2312, 0.0000,

233.5946, 425.0376

5.4109

289.7468,
282.1476, 498.7424

■ 0.0000, 0.0000,
2.4274

■ 0.0000, 0.0000,
0.8013

■ 41.7758, 37.8559,
99.7128

■ 41.7758, 37.8559,
99.7128

■ 34.4204, 28.9695,
98.3853

■ 50.8016, 48.5912,
101.3092

■ 28.6277, 21.8227,
97.3111

■ 61.5887, 61.2686,
103.1877

■ 24.2831, 16.3003,
96.4741

■ 74.2260, 75.9794,
105.3611

■ 21.2545, 12.2711,
95.8561

■ 88.7954, 92.8084,
107.8415

■ 19.3838, 9.5827,
95.4358

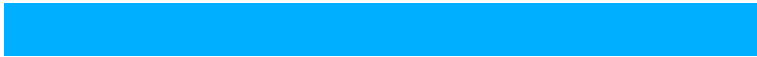
95.0500, 100.0000,
108.9000

■ 18.6938, 8.5076,
95.2646

Harmonies

Analogous

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



33.4228, 37.8559, 103.7597



41.7758, 37.8559, 99.7128



49.5660, 37.8559, 77.2166

Triad

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



41.7758, 37.8559, 99.7128



46.9946, 37.8559, 15.2759



22.5575, 37.8559, 34.1581

Complementary

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



41.7758, 37.8559, 99.7128



77.0655, 84.9777, 38.3291

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.



25.1369, 37.8559, 18.6173



41.7758, 37.8559, 99.7128



38.6663, 37.8559, 10.7884

Square

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



41.7758, 37.8559, 99.7128



52.8826, 37.8559, 27.3688



30.7483, 37.8559, 11.7208



23.1290, 37.8559, 59.0945

Rectangle

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



41.7758, 37.8559, 99.7128



52.9890, 37.8559, 58.2758



30.7483, 37.8559, 11.7208



23.0679, 37.8559, 27.8641

Sweetspot

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



41.7771, 37.8572, 99.7130



75.4840, 77.4375, 105.5762



62.5507, 83.5449, 93.8726



15.5163, 15.8323, 22.4881



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.



41.7771, 37.8572, 99.7130



35.0300, 29.7126, 98.4966



47.2126, 36.8362, 99.2295



17.2123, 17.7962, 22.7778



9.8308, 4.5712, 49.7988



1.0172, 0.5650, 4.8687

Inverse Universe

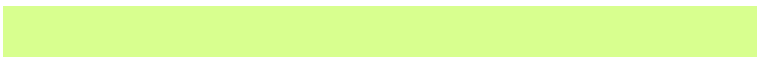
The Inverse Universe completely reimagines the original color for something new.



57.3214, 43.4097, 38.1598



52.6100, 36.5255, 28.7628



68.9786, 88.0721, 39.3526



18.1150, 18.0293, 19.2230



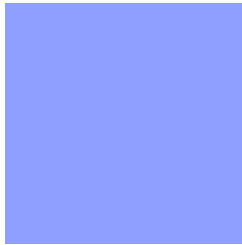
21.7503, 11.1894, 2.0697



2.1480, 1.1016, 0.3609

Previews

White Background



This preview shows how the XYZ color 41.7758, 37.8559, 99.7128 looks on a white background.

Color Contrast Check

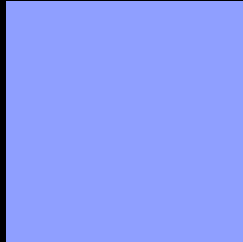
Large Text (above 18pt) WCAG AA × Fail

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 41.7758, 37.8559, 99.7128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

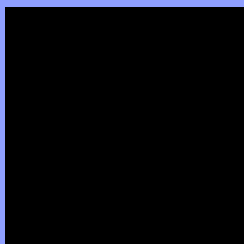
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.7758, 37.8559, 99.7128

Background



This preview shows how black text looks on a background with the XYZ color 41.7758, 37.8559, 99.7128.



This preview shows how white text looks on a background with the XYZ color 41.7758, 37.8559,

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

41.7758, 37.8559, 99.7128

Protanopia

40.3304, 37.8860, 99.7948

Deuteranopia

39.2297, 38.1310, 99.0583



Tritanopia

32.3707, 37.8350, 52.6105

Trichromacy



Original Color

41.7758, 37.8559, 99.7128

Protanomaly

40.7865, 37.8606, 99.7659

Deuteranomaly

40.0398, 38.0173, 98.9937

Tritanomaly

35.4020, 37.6643, 67.6914

Monochromacy



Original Color

41.7758, 37.8559, 99.7128

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

37.1949, 37.4397, 58.6923

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.7758, 37.8559, 99.7128 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(143, 159, 255)` looks like.

```
.text, #text, p{  
    color:rgb(143, 159, 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(143, 159, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 159, 255) }
```

Border

The CSS property to change the border of an element to XYZ 41.7758, 37.8559, 99.7128 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(143, 159, 255) }
```


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

```
.border{ border-color:rgb(143, 159, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 159, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 159, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 159, 255);  
box-shadow:4px 4px 4px 4px rgb(143, 159,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 41.7758, 37.8559, 99.7128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 159, 255) }
```

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

```
.background{ background-color: rgb(143,  
159, 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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