

Converting Colors

XYZ(43.2305, 37.1120, 99.4926)

Have a look what the booklet for
XYZ(43.2305, 37.1120, 99.4926)
contains.

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Color

**XYZ(43.1515, 37.0704,
99.4887)**

Conversions

Conversions Part 1

Format	Color
Hex	9C99FF
RGB	156, 153, 255
RGB Percent	61%, 60%, 100%
CMY	0.3882, 0.4000, 0.0000
CMYK	0.39, 0.40, 0.00, 0.00
HSL	242°, 100%, 80%
HSV	242°, 40%, 100%
XYZ	43.1515, 37.0704, 99.4887
YIQ	165.5250, -30.9540, 32.3580

Conversions

Conversions Part 2

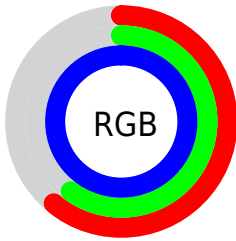
Format	Color
R _Y B	156, 153, 255
Decimal	10263039
CIE Lab	67.33, 25.11, -50.40
CIE LCh	67, 56.309, 296.479
Yxy	37.0704, 0.2401, 0.2063
Android (android.graphics.Color)	4288453119 (0xFF9C99FF)
YUV	165.5250, 44.1112, -8.3534
Hunter-Lab	60.8855, 19.9592, -54.2618

Details

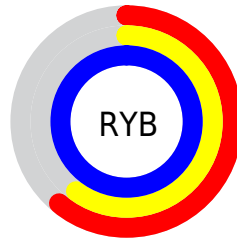
The XYZ color **43.1515, 37.0704, 99.4887** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **81.6544, 94.5152, 44.0778**, and the grayscale version is **35.8226, 37.6882, 41.0425**.

A 20% lighter version of the original color is **68.0944, 66.1418, 103.7854**, and **20.1999, 16.2893, 55.5056** is the 20% darker color. If you saturate the color by 10%, you get **35.1040, 27.3746, 98.0414**, and if you desaturate by 10%, it is **53.0690, 49.0553, 101.2793**.

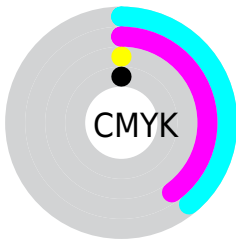
Distribution



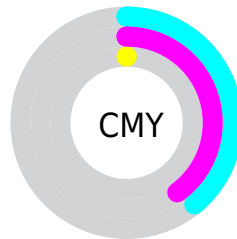
- Red (61%)
- Green (60%)
- Blue (100%)



- Red (61%)
- Yellow (60%)
- Blue (100%)



- Cyan (39%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)



- Cyan (39%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.1515, 37.0704, 99.4887 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 43.1515, 37.0704, 99.4887 by changing the saturation by 10% instead.

■ 43.1515, 37.0704,
99.4887

■ 43.1515, 37.0704,
99.4887

350.1454,
333.6152, 579.7848

■ 30.1990, 25.2620,
75.2591

■ 79.1937, 70.6810,
162.5001

■ 20.1385, 16.2724,
55.3222

■ 103.0142, 93.2521,
202.1190

■ 12.6046, 9.7171,
39.2594

131.1880,
120.1795, 247.7047

■ 7.2320, 5.2118,
26.6522

164.0806,
151.8476, 299.6758

■ 3.6552, 2.3721,
17.0821

202.0573,
188.6408, 358.4508

■ 1.5090, 0.8115,
10.1304

245.4834,

■ 0.3319, 0.0000,

230.9436, 424.4483

5.3788

294.7243,
279.1402, 498.0868

■ 0.0000, 0.0000,
2.4086

■ 0.0000, 0.0000,
0.7911

■ 43.1515, 37.0704,
99.4887

■ 43.1515, 37.0704,
99.4887

■ 35.1040, 27.3746,
98.0414

■ 53.0690, 49.0553,
101.2793

■ 28.8057, 19.8185,
96.9149

■ 64.9595, 63.4579,
103.4326

■ 24.1276, 14.2413,
96.0849

■ 78.9230, 80.4022,
105.9672

■ 20.9216, 10.4579,
95.5236

■ 95.0500, 100.0000,
108.9000

■ 19.0121, 8.2481,
95.1977

■ 18.1440, 7.2685,
95.0544

■ 18.1439, 7.2684,
95.0544

Harmonies

Analogous

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



34.2265, 37.0704, 108.6791



43.1515, 37.0704, 99.4887



50.9338, 37.0704, 72.6536

Triad

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



43.1515, 37.0704, 99.4887



45.2007, 37.0704, 12.3175



21.1475, 37.0704, 37.5186

Complementary

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



43.1515, 37.0704, 99.4887



81.6544, 94.5152, 44.0778

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.



23.1461, 37.0704, 19.4181



43.1515, 37.0704, 99.4887



36.2617, 37.0704, 9.1082

Square

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



43.1515, 37.0704, 99.4887



52.2459, 37.0704, 22.6852



28.3501, 37.0704, 11.0432



22.3856, 37.0704, 65.4373

Rectangle

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



43.1515, 37.0704, 99.4887



53.9269, 37.0704, 52.5068



28.3501, 37.0704, 11.0432



21.4535, 37.0704, 30.2534

Sweetspot

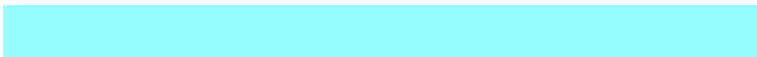
The Sweet Spot groups the original color and five complimentary colors.



43.1528, 37.0717, 99.4889



75.9584, 76.8025, 105.4287



66.4075, 84.4327, 107.4048



15.8539, 15.9481, 22.4927



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.



43.1528, 37.0717, 99.4889



36.5690, 29.1369, 98.3043



54.8124, 43.0825, 100.0346



17.0524, 17.4032, 22.7104



9.5020, 3.8089, 49.6690



0.9418, 0.3794, 4.8369

Inverse Universe

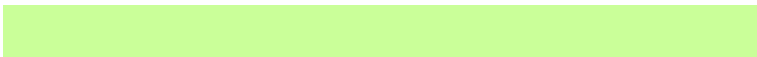
The Inverse Universe completely reimagines the original color for something new.



70.2022, 51.0716, 98.2521



67.0483, 44.9159, 96.7322



65.9488, 86.4186, 43.3428



18.7682, 18.2906, 22.6626



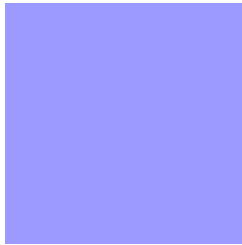
30.3716, 14.6379, 47.4688



2.9642, 1.4280, 4.6588

Previews

White Background



This preview shows how the XYZ color 43.1515, 37.0704, 99.4887 looks on a white background.

Color Contrast Check

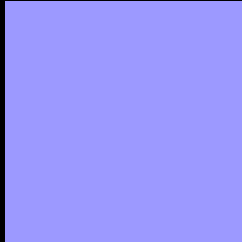
Large Text (above 18pt) WCAG AA × Fail

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 43.1515, 37.0704, 99.4887 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 43.1515, 37.0704, 99.4887

Background



This preview shows how black text looks on a background with the XYZ color 43.1515, 37.0704, 99.4887.



This preview shows how white text looks on a background with the XYZ color 43.1515, 37.0704,

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

43.1515, 37.0704, 99.4887

Protanopia

39.8481, 37.3769, 99.7220

Deuteranopia

38.2980, 37.1378, 98.0783



Tritanopia

33.2789, 37.2423, 49.6905

Trichromacy



Original Color

43.1515, 37.0704, 99.4887

Protanomaly

40.9243, 37.1627, 99.6239

Deuteranomaly

39.8032, 36.8576, 98.7823

Tritanomaly

36.2829, 36.8176, 65.5158

Monochromacy



Original Color

43.1515, 37.0704, 99.4887

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

37.8382, 37.2483, 58.6214

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1515, 37.0704, 99.4887 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(156, 153, 255)` looks like.

```
.text, #text, p{  
    color:rgb(156, 153, 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(156, 153, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 153, 255) }
```

Border

The CSS property to change the border of an element to XYZ 43.1515, 37.0704, 99.4887 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(156, 153, 255) }
```


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

```
.border{ border-color:rgb(156, 153, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 153, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 153, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 153, 255);  
box-shadow:4px 4px 4px 4px rgb(156, 153,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1515, 37.0704, 99.4887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 153, 255) }
```

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

```
.background{ background-color: rgb(156,  
153, 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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