

Converting Colors

XYZ(43.2547, 37.1224, 99.4933)

Have a look what the booklet for
XYZ(43.2547, 37.1224, 99.4933)
contains.

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Color

**XYZ(43.3459, 37.1706,
99.4978)**

Conversions

Conversions Part 1

Format	Color
Hex	9D99FF
RGB	157, 153, 255
RGB Percent	62%, 60%, 100%
CMY	0.3843, 0.4000, 0.0000
CMYK	0.38, 0.40, 0.00, 0.00
HSL	242°, 100%, 80%
HSV	242°, 40%, 100%
XYZ	43.3459, 37.1706, 99.4978
YIQ	165.8240, -30.3580, 32.5700

Conversions

Conversions Part 2

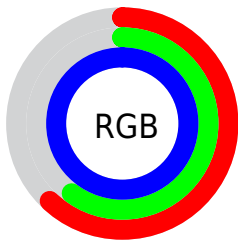
Format	Color
R _Y B	157, 153, 255
Decimal	10328575
CIE Lab	67.40, 25.36, -50.28
CIE LCh	67, 56.312, 296.766
Yxy	37.1706, 0.2408, 0.2065
Android (android.graphics.Color)	4288518655 (0xFF9D99FF)
YUV	165.8240, 43.9638, -7.7386
Hunter-Lab	60.9677, 20.2138, -54.0825

Details

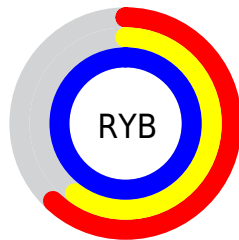
The XYZ color **43.3459, 37.1706, 99.4978** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **81.2930, 94.3289, 44.0609**, and the grayscale version is **35.9668, 37.8399, 41.2077**.

A 20% lighter version of the original color is **68.3872, 66.2927, 103.7991**, and **20.3112, 16.3467, 55.5108** is the 20% darker color. If you saturate the color by 10%, you get **35.2993, 27.4753, 98.0505**, and if you desaturate by 10%, it is **53.2451, 49.1460, 101.2876**.

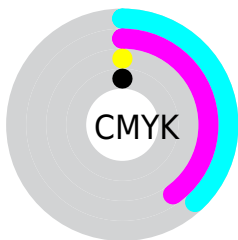
Distribution



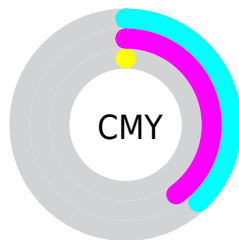
- Red (62%)
- Green (60%)
- Blue (100%)



- Red (62%)
- Yellow (60%)
- Blue (100%)



- Cyan (38%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)



- Cyan (38%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.3459, 37.1706, 99.4978 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 43.3459, 37.1706, 99.4978 by changing the saturation by 10% instead.

■ 43.3459, 37.1706,
99.4978

■ 43.3459, 37.1706,
99.4978

350.9298,
334.0485, 579.8143

■ 30.3523, 25.3396,
75.2666

■ 79.4850, 70.8351,
162.5127

■ 20.2556, 16.3303,
55.3283

■ 103.3613, 93.4374,
202.1336

■ 12.6903, 9.7582,
39.2643

131.5958,
120.3989, 247.7214

■ 7.2911, 5.2389,
26.6560

164.5539,
152.1040, 299.6948

■ 3.6928, 2.3881,
17.0849

202.6011,
188.9371, 358.4722

■ 1.5298, 0.8198,
10.1324

246.1025,

■ 0.3460, 0.0000,

231.2827, 424.4723

5.3801

295.4236,
279.5250, 498.1134

■ 0.0000, 0.0000,
2.4093

■ 0.0000, 0.0000,
0.7915

■ 43.3459, 37.1706,
99.4978

■ 43.3459, 37.1706,
99.4978

■ 35.2993, 27.4753,
98.0505

■ 53.2451, 49.1460,
101.2876

■ 28.9866, 19.9118,
96.9233

■ 65.0981, 63.5293,
103.4391

■ 24.2813, 14.3205,
96.0921

■ 79.0034, 80.4436,
105.9710

■ 21.0380, 10.5179,
95.5291

95.0500, 100.0000,
108.9000

■ 19.0850, 8.2857,
95.2012

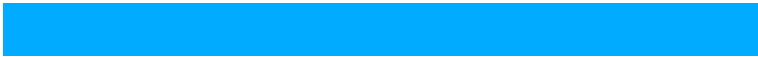
■ 18.1753, 7.2846,
95.0559

■ 18.1752, 7.2846,
95.0559

Harmonies

Analogous

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



34.4011, 37.1706, 108.9222



43.3459, 37.1706, 99.4978



51.1148, 37.1706, 72.5240

Triad

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



43.3459, 37.1706, 99.4978



45.2320, 37.1706, 12.3069



21.2111, 37.1706, 37.8487

Complementary

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



43.3459, 37.1706, 99.4978



81.2930, 94.3289, 44.0609

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.



23.1830, 37.1706, 19.6064



43.3459, 37.1706, 99.4978



36.2745, 37.1706, 9.1426

Square

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



43.3459, 37.1706, 99.4978



52.3224, 37.1706, 22.6143



28.3680, 37.1706, 11.1332



22.4829, 37.1706, 65.8828

Rectangle

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



43.3459, 37.1706, 99.4978



54.0800, 37.1706, 52.3626



28.3680, 37.1706, 11.1332



21.5075, 37.1706, 30.5341

Sweetspot

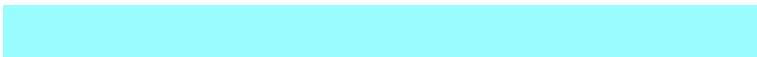
The Sweet Spot groups the original color and five complimentary colors.



43.3472, 37.1719, 99.4980



76.0522, 76.8508, 105.4331



65.8723, 83.3625, 107.2265



15.8758, 15.9594, 22.4937



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.



43.3472, 37.1719, 99.4980



36.7655, 29.2382, 98.3135



55.2861, 43.3266, 100.0567



17.0689, 17.4117, 22.7111



9.5254, 3.8210, 49.6701



0.9496, 0.3835, 4.8372

Inverse Universe

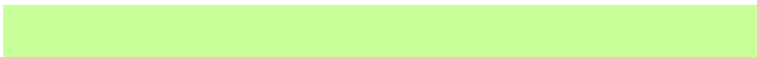
The Inverse Universe completely reimagines the original color for something new.



70.0440, 51.0083, 97.4192



66.8592, 44.8403, 95.7363



65.4904, 86.1823, 43.3213



18.7601, 18.2873, 22.6196



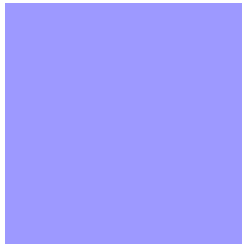
30.1740, 14.5589, 46.4280



2.9472, 1.4212, 4.5691

Previews

White Background



This preview shows how the XYZ color 43.3459, 37.1706, 99.4978 looks on a white background.

Color Contrast Check

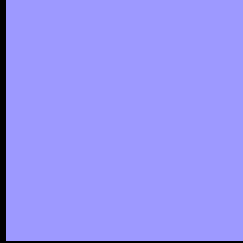
Large Text (above 18pt) WCAG AA × Fail

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 43.3459, 37.1706, 99.4978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

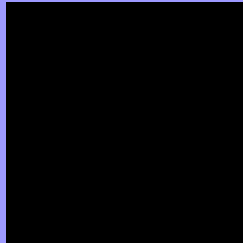
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.3459, 37.1706, 99.4978

Background



This preview shows how black text looks on a background with the XYZ color 43.3459, 37.1706, 99.4978.



This preview shows how white text looks on a background with the XYZ color 43.3459, 37.1706,

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

43.3459, 37.1706, 99.4978

Protanopia

39.8481, 37.3769, 99.7220

Deuteranopia

38.6128, 37.5647, 98.1441



Tritanopia

33.4467, 37.3288, 49.6983

Trichromacy



Original Color

43.3459, 37.1706, 99.4978

Protanomaly

40.9243, 37.1627, 99.6239

Deuteranomaly

40.1331, 37.2839, 98.8472

Tritanomaly

36.4599, 36.9088, 65.5241

Monochromacy



Original Color

43.3459, 37.1706, 99.4978

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

38.0422, 37.3535, 58.6310

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3459, 37.1706, 99.4978 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(157, 153, 255)` looks like.

```
.text, #text, p{  
    color:rgb(157, 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(157, 153, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 153, 255) }
```

Border

The CSS property to change the border of an element to XYZ 43.3459, 37.1706, 99.4978 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(157, 153, 255) }
```


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

```
.border{ border-color:rgb(157, 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(157, 153, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 153, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 153, 255);  
box-shadow:4px 4px 4px 4px rgb(157, 153,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3459, 37.1706, 99.4978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 153, 255) }
```

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

```
.background{ background-color: rgb(157,  
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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