

Converting Colors

XYZ(54.2939, 40.2499,
154.9044)

Have a look what the booklet for
XYZ(54.2939, 40.2499, 154.9044)
contains.

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Color

**XYZ(43.5880, 35.8740,
99.2348)**

Conversions

Conversions Part 1

Format	Color
Hex	A393FF
RGB	163, 147, 255
RGB Percent	64%, 58%, 100%
CMY	0.3608, 0.4235, 0.0000
CMYK	0.36, 0.42, 0.00, 0.00
HSL	249°, 100%, 79%
HSV	249°, 42%, 100%
XYZ	43.5880, 35.8740, 99.2348
YIQ	164.0960, -25.1320, 36.9800

Conversions

Conversions Part 2

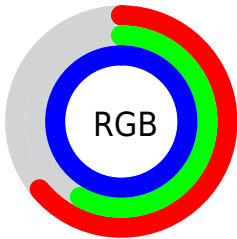
Format	Color
RYB	163, 147, 255
Decimal	10720255
CIELab	66.42, 30.30, -51.80
CIElCh	66, 60.013, 300.329
Yxy	35.8740, 0.2439, 0.2008
Android (android.graphics.Color)	4288910335 (0xFFA393FF)
YUV	164.0960, 44.8157, -0.9612
Hunter-Lab	59.8949, 25.0857, -56.3061

Details

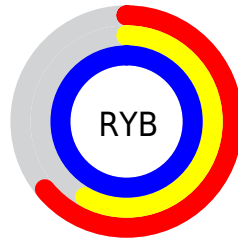
The XYZ color **43.5880, 35.8740, 99.2348** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **76.6228, 91.9772, 41.3198**, and the grayscale version is **35.1355, 36.9653, 40.2552**.

A 20% lighter version of the original color is **68.7554, 64.3654, 103.4077**, and **20.4393, 15.5688, 55.3539** is the 20% darker color. If you saturate the color by 10%, you get **35.9812, 26.7048, 97.8659**, and if you desaturate by 10%, it is **52.8399, 47.1970, 100.9327**.

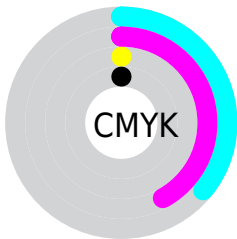
Distribution



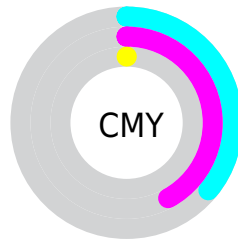
- Red (64%)
- Green (58%)
- Blue (100%)



- Red (64%)
- Yellow (58%)
- Blue (100%)



- Cyan (36%)
- Magenta (42%)
- Yellow (0%)
- Black (0%)





- Cyan (36%)
- Magenta (42%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.5880, 35.8740, 99.2348 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 43.5880, 35.8740, 99.2348 by changing the saturation by 10% instead.


 43.5880, 35.8740,
99.2348


 43.5880, 35.8740,
99.2348

351.9050,
328.4095, 578.9623

 30.5433, 24.3369,
75.0483


 79.8476, 68.8375,
162.1479

 20.4014, 15.5837,
55.1505

 103.7932, 91.0328,
201.7116

 12.7971, 9.2301,
39.1228


132.1031,
117.5495, 247.2382

 7.3650, 4.8916,
26.5467

165.1427,
148.7721, 299.1461

 3.7398, 2.1838,
17.0037

203.2774,
185.0851, 357.8539

 1.5560, 0.7111,
10.0751

246.8724,

 0.3635, 0.0000,

226.8727, 423.7802

5.3425

296.2931,
274.5193, 497.3435

■ 0.0000, 0.0000,
2.3874

■ 0.0000, 0.0000,
0.7796

■ 43.5880, 35.8740,
99.2348

■ 43.5880, 35.8740,
99.2348

■ 35.9812, 26.7048,
97.8659

■ 52.8399, 47.1970,
100.9327

■ 29.9180, 19.5480,
96.8040

■ 63.8228, 60.7954,
102.9786

■ 25.2914, 14.2512,
96.0255

■ 76.6209, 76.7862,
105.3906

■ 21.9783, 10.6383,
95.5028

■ 91.3120, 95.2770,
108.1854

■ 19.8341, 8.4982,
95.2027

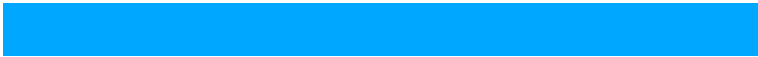
95.0500, 100.0000,
108.9000

■ 18.8413, 7.6279,
95.0870

Harmonies

Analogous

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



34.1966, 35.8740, 112.3848



43.5880, 35.8740, 99.2348



51.4221, 35.8740, 69.0347

Triad

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



43.5880, 35.8740, 99.2348



43.3857, 35.8740, 9.9105



19.5727, 35.8740, 39.3458

Complementary

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



43.5880, 35.8740, 99.2348



76.6228, 91.9772, 41.3198

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.



21.1794, 35.8740, 19.3284



43.5880, 35.8740, 99.2348



33.9980, 35.8740, 7.5311

Square

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



43.5880, 35.8740, 99.2348



51.2916, 35.8740, 19.0218



26.0949, 35.8740, 10.0249



21.2517, 35.8740, 69.7572

Rectangle

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



43.5880, 35.8740, 99.2348



54.1246, 35.8740, 47.9773



26.0949, 35.8740, 10.0249



19.7426, 35.8740, 31.3235

Sweetspot

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



43.5892, 35.8753, 99.2350



75.7349, 75.6751, 105.2228



61.4203, 76.0976, 106.0589



15.5772, 15.4045, 22.4023



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.



43.5892, 35.8753, 99.2350



36.9171, 27.8236, 98.0325



56.6264, 42.5962, 99.8451



17.2534, 17.5069, 22.7198



9.9197, 4.0243, 49.6885



1.0365, 0.4283, 4.8413

Inverse Universe

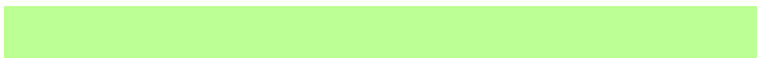
The Inverse Universe completely reimagines the original color for something new.



67.2539, 48.3602, 87.4501



63.6686, 41.9551, 83.8948



61.4229, 84.1413, 40.6085



18.6701, 18.2514, 22.1461



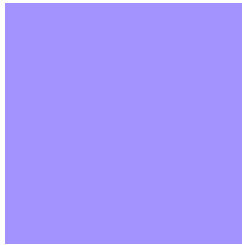
28.1519, 13.7501, 35.7800



2.7712, 1.3508, 3.6423

Previews

White Background



This preview shows how the XYZ color 43.5880, 35.8740, 99.2348 looks on a white background.

Color Contrast Check

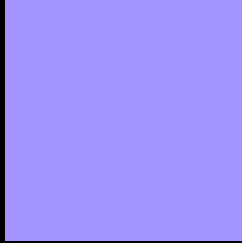
Large Text (above 18pt) WCAG AA × Fail

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 43.5880, 35.8740, 99.2348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

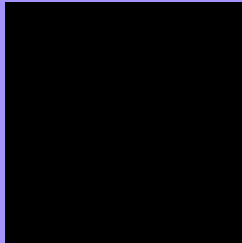
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.5880, 35.8740, 99.2348

Background



This preview shows how black text looks on a background with the XYZ color 43.5880, 35.8740, 99.2348.



This preview shows how white text looks on a background with the XYZ color 43.5880, 35.8740,

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

43.5880, 35.8740, 99.2348

Protanopia

38.5890, 35.9588, 99.5146

Deuteranopia

37.1256, 36.0287, 97.0930



Tritanopia

33.0653, 35.8362, 46.7693

Trichromacy



Original Color

43.5880, 35.8740, 99.2348

Protanomaly

40.0868, 35.7345, 99.3924

Deuteranomaly

38.9782, 35.6941, 97.7638

Tritanomaly

36.1952, 35.5369, 62.7092

Monochromacy



Original Color

43.5880, 35.8740, 99.2348

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

37.6147, 36.3775, 57.8624

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5880, 35.8740, 99.2348 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(163, 147, 255)` looks like.

```
.text, #text, p{  
    color:rgb(163, 147, 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(163, 147, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 147, 255) }
```

Border

The CSS property to change the border of an element to XYZ 43.5880, 35.8740, 99.2348 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(163, 147, 255) }
```


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

```
.border{ border-color:rgb(163, 147, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 147, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 147, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 147, 255);  
box-shadow:4px 4px 4px 4px rgb(163, 147,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5880, 35.8740, 99.2348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 147, 255) }
```

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

```
.background{ background-color: rgb(163,  
147, 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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