

Converting Colors

XYZ(41.7170, 35.7591, 99.3111)

Have a look what the booklet for
XYZ(41.7170, 35.7591, 99.3111)
contains.

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Color

**XYZ(41.6943, 35.8372,
99.3275)**

Conversions

Conversions Part 1

Format	Color
Hex	9697FF
RGB	150, 151, 255
RGB Percent	59%, 59%, 100%
CMY	0.4117, 0.4078, 0.0000
CMYK	0.41, 0.41, 0.00, 0.00
HSL	239°, 100%, 79%
HSV	239°, 41%, 100%
XYZ	41.6943, 35.8372, 99.3275
YIQ	162.5570, -33.9800, 32.1320

Conversions

Conversions Part 2

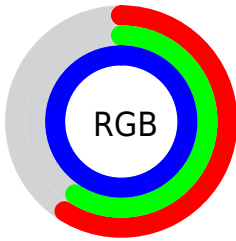
Format	Color
R _Y B	150, 151, 255
Decimal	9869311
CIE Lab	66.40, 24.76, -51.91
CIE LCh	66, 57.511, 295.500
Yxy	35.8372, 0.2357, 0.2026
Android (android.graphics.Color)	4288059391 (0xFF9697FF)
YUV	162.5570, 45.5744, -11.0125
Hunter-Lab	59.8642, 19.5597, -56.4699

Details

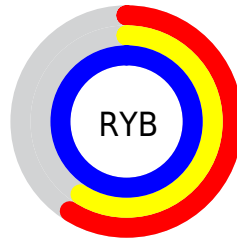
The XYZ color **41.6943, 35.8372, 99.3275** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **82.1881, 94.3475, 42.7353**, and the grayscale version is **34.4091, 36.2011, 39.4230**.

A 20% lighter version of the original color is **65.8937, 64.2925, 103.5445**, and **19.2644, 15.5187, 55.4061** is the 20% darker color. If you saturate the color by 10%, you get **33.8636, 26.3992, 97.9185**, and if you desaturate by 10%, it is **51.4191, 47.5452, 101.0748**.

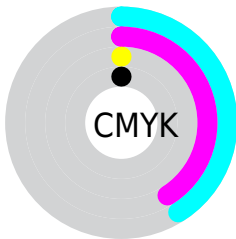
Distribution



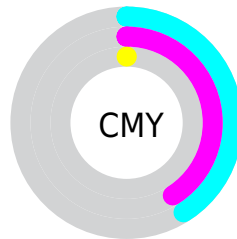
- Red (59%)
- Green (59%)
- Blue (100%)



- Red (59%)
- Yellow (59%)
- Blue (100%)



- Cyan (41%)
- Magenta (41%)
- Yellow (0%)
- Black (0%)



- Cyan (41%)
- Magenta (41%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.6943, 35.8372, 99.3275 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 41.6943, 35.8372, 99.3275 by changing the saturation by 10% instead.

■ 41.6943, 35.8372,
99.3275

■ 41.6943, 35.8372,
99.3275

344.2274,
328.2484, 579.2627

■ 29.0521, 24.3085,
75.1253

■ 77.0048, 68.7807,
162.2765

■ 19.2647, 15.5626,
55.2132

■ 100.4038, 90.9643,
201.8604

■ 11.9668, 9.2152,
39.1727

128.1191,
117.4683, 247.4085

■ 6.7931, 4.8818,
26.5852

160.5160,
148.6771, 299.3395

■ 3.3782, 2.1781,
17.0323

197.9600,
184.9752, 358.0719

■ 1.3568, 0.7080,
10.0953

240.8163,

■ 0.2251, 0.0000,

226.7468, 424.0242

5.3558

289.4503,
274.3764, 497.6149

■ 0.0000, 0.0000,
2.3951

■ 0.0000, 0.0000,
0.7838

■ 41.6943, 35.8372,
99.3275

■ 41.6943, 35.8372,
99.3275

■ 33.8636, 26.3992,
97.9185

■ 51.4191, 47.5452,
101.0748

■ 27.8001, 19.0809,
96.8255

■ 63.1463, 61.6533,
103.1799

■ 23.3677, 13.7195,
96.0243

■ 76.9803, 78.2860,
105.6611

■ 20.4085, 10.1272,
95.4868

■ 93.0175, 97.5581,
108.5358

■ 18.7336, 8.0794,
95.1799

95.0500, 100.0000,
108.9000

■ 18.0763, 7.2726,
95.0588

Harmonies

Analogous

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



32.7804, 35.8372, 107.8973



41.6943, 35.8372, 99.3275



49.6003, 35.8372, 72.4879

Triad

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



41.6943, 35.8372, 99.3275



44.3206, 35.8372, 11.5460



20.0856, 35.8372, 35.4195

Complementary

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



41.6943, 35.8372, 99.3275



82.1881, 94.3475, 42.7353

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.



22.1640, 35.8372, 17.8630



41.6943, 35.8372, 99.3275



35.3769, 35.8372, 8.2783

Square

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



41.6943, 35.8372, 99.3275



51.2869, 35.8372, 21.9675



27.4234, 35.8372, 9.9725



21.2034, 35.8372, 63.1855

Rectangle

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



41.6943, 35.8372, 99.3275



52.7254, 35.8372, 52.1293



27.4234, 35.8372, 9.9725



20.4222, 35.8372, 28.3173

Sweetspot

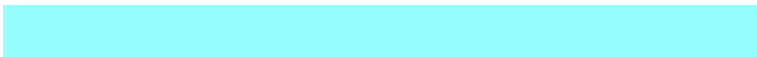
The Sweet Spot groups the original color and five complimentary colors.



41.6955, 35.8384, 99.3277



75.7563, 76.8146, 105.4417



66.1081, 85.1123, 106.0816



15.8069, 15.9509, 22.4957



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.



41.6955, 35.8384, 99.3277



35.4118, 28.2661, 98.1972



52.9780, 41.4175, 99.8099



17.0169, 17.4054, 22.7126



9.4512, 3.8120, 49.6722



0.9249, 0.3805, 4.8380

Inverse Universe

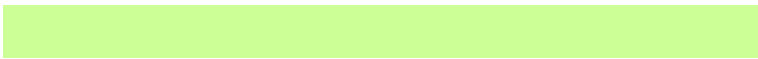
The Inverse Universe completely reimagines the original color for something new.



57.7332, 45.3087, 34.9817



53.3421, 38.8837, 26.2509



66.2365, 86.5952, 42.0797



18.0164, 17.9899, 18.7036



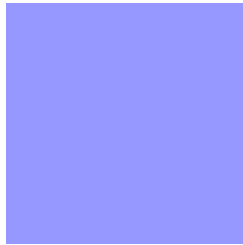
21.5587, 11.1128, 1.0609



2.1014, 1.0830, 0.1157

Previews

White Background



This preview shows how the XYZ color 41.6943, 35.8372, 99.3275 looks on a white background.

Color Contrast Check

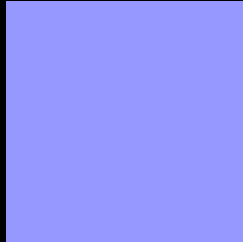
Large Text (above 18pt) WCAG AA × Fail

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 41.6943, 35.8372, 99.3275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

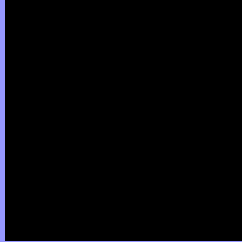
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.6943, 35.8372, 99.3275

Background



This preview shows how black text looks on a background with the XYZ color 41.6943, 35.8372, 99.3275.



This preview shows how white text looks on a background with the XYZ color 41.6943, 35.8372,

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

41.6943, 35.8372, 99.3275

Protanopia

38.5890, 35.9588, 99.5146

Deuteranopia

37.1566, 36.0263, 97.9239



Tritanopia

31.4170, 35.7580, 48.4262

Trichromacy



Original Color

41.6943, 35.8372, 99.3275

Protanomaly

39.4442, 35.6492, 99.4098

Deuteranomaly

38.5505, 35.7053, 98.6259

Tritanomaly

34.4886, 35.3980, 64.0462

Monochromacy



Original Color

41.6943, 35.8372, 99.3275

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

36.4625, 36.0509, 57.2613

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.6943, 35.8372, 99.3275 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(150, 151, 255)` looks like.

```
.text, #text, p{  
    color:rgb(150, 151, 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(150, 151, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 151, 255) }
```

Border

The CSS property to change the border of an element to XYZ 41.6943, 35.8372, 99.3275 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(150, 151, 255) }
```


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

```
.border{ border-color:rgb(150, 151, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 151, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(150, 151, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(150, 151, 255); box-shadow:4px 4px 4px 4px rgb(150, 151, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 41.6943, 35.8372, 99.3275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 151, 255) }
```

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

```
.background{ background-color: rgb(150,  
151, 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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