

Converting Colors

XYZ(39.5760, 35.8180, 95.0195)

Have a look what the booklet for
XYZ(39.5760, 35.8180, 95.0195)
contains.

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Color

**XYZ(39.6241, 35.8338,
95.2707)**

Conversions

Conversions Part 1

Format	Color
Hex	8B9BFA
RGB	139, 155, 250
RGB Percent	55%, 61%, 98%
CMY	0.4549, 0.3921, 0.0196
CMYK	0.44, 0.38, 0.00, 0.02
HSL	231°, 92%, 76%
HSV	231°, 44%, 98%
XYZ	39.6241, 35.8338, 95.2707
YIQ	161.0460, -40.0310, 26.1530

Conversions

Conversions Part 2

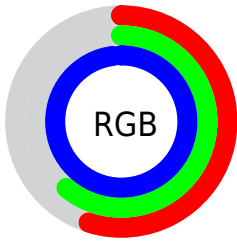
Format	Color
R _Y B	139, 153, 250
Decimal	9149434
CIE Lab	66.39, 18.38, -49.24
CIE LCh	66, 52.553, 290.467
Yxy	35.8338, 0.2321, 0.2099
Android (android.graphics.Color)	4287339514 (0xFF8B9BFA)
YUV	161.0460, 43.8543, -19.3343
Hunter-Lab	59.8613, 13.3974, -52.4585

Details

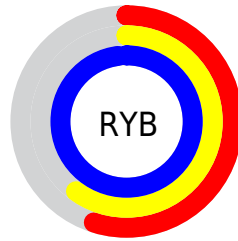
The XYZ color **39.6241, 35.8338, 95.2707** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **73.5089, 81.0357, 36.1950**, and the grayscale version is **33.7149, 35.4707, 38.6275**.

A 20% lighter version of the original color is **63.8764, 64.6912, 103.7278**, and **18.0556, 15.5447, 52.5009** is the 20% darker color. If you saturate the color by 10%, you get **32.6662, 27.4213, 94.0143**, and if you desaturate by 10%, it is **48.1700, 46.0027, 96.7838**.

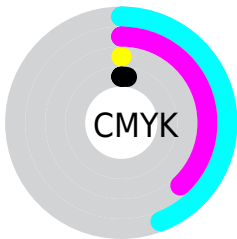
Distribution



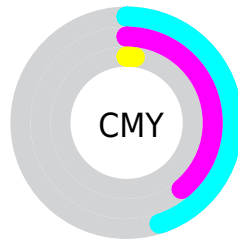
- Red (55%)
- Green (61%)
- Blue (98%)



- Red (55%)
- Yellow (60%)
- Blue (98%)



- Cyan (44%)
- Magenta (38%)
- Yellow (0%)
- Black (2%)



- Cyan (45%)
- Magenta (39%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.6241, 35.8338, 95.2707 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 39.6241, 35.8338, 95.2707 by changing the saturation by 10% instead.

■ 39.6241, 35.8338,
95.2707

■ 39.6241, 35.8338,
95.2707

335.6983,
328.2335, 566.0377

■ 27.4285, 24.3059,
71.7622

■ 73.8788, 68.7755,
156.6373

■ 18.0335, 15.5607,
52.4788

■ 96.6685, 90.9580,
195.3325

■ 11.0739, 9.2138,
37.0020

123.7203,
117.4608, 239.9270

■ 6.1842, 4.8809,
24.9132

155.3996,
148.6684, 290.8393

■ 2.9991, 2.1776,
15.7940

192.0717,
184.9650, 348.4880

■ 1.1533, 0.7077,
9.2257

234.1019,

■ 0.0690, 0.0000,

226.7352, 413.2916

4.7899

281.8557,
274.3632, 485.6686

■ 0.0000, 0.0000,
2.0679

■ 0.0000, 0.0000,
0.5966

■ 39.6241, 35.8338,
95.2707

■ 39.6241, 35.8338,
95.2707

■ 32.6662, 27.4213,
94.0143

■ 48.1700, 46.0027,
96.7838

■ 27.1930, 20.6607,
92.9979

■ 58.3904, 58.0167,
98.5640

■ 23.0951, 15.4424,
92.2066

■ 70.3704, 71.9629,
100.6245

■ 20.2461, 11.6411,
91.6231

■ 84.1878, 87.9218,
102.9766

■ 18.4943, 9.1110,
91.2270

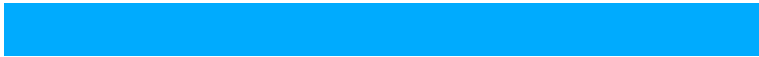
■ 94.2555, 99.6822,
104.7160

■ 17.8873, 8.1659,
91.0766

Harmonies

Analogous

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



31.6157, 35.8338, 99.1956



39.6241, 35.8338, 95.2707



47.1017, 35.8338, 73.5797

Triad

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



39.6241, 35.8338, 95.2707



44.6181, 35.8338, 14.2425



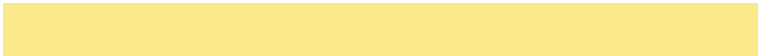
21.2181, 35.8338, 32.2757

Complementary

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



39.6241, 35.8338, 95.2707



73.5089, 81.0357, 36.1950

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.



23.6779, 35.8338, 17.4350



39.6241, 35.8338, 95.2707



36.6250, 35.8338, 9.9980

Square

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



39.6241, 35.8338, 95.2707



50.2789, 35.8338, 25.7499



29.0409, 35.8338, 10.8845



21.7666, 35.8338, 56.2012

Rectangle

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



39.6241, 35.8338, 95.2707



50.3883, 35.8338, 55.3598



29.0409, 35.8338, 10.8845



21.7042, 35.8338, 26.2557

Sweetspot

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



39.6255, 35.8351, 95.2716



75.4957, 77.4608, 105.5801



59.5924, 79.7644, 89.6095



15.5192, 15.8379, 22.4890



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.



39.6255, 35.8351, 95.2716



35.0553, 29.7631, 98.5050



44.8152, 34.8164, 94.8014



16.4848, 17.0465, 21.8068



9.5492, 4.4541, 48.3300



0.9434, 0.5306, 4.4959

Inverse Universe

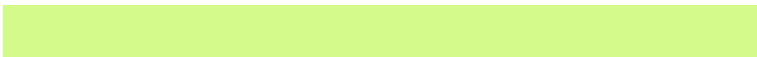
The Inverse Universe completely reimagines the original color for something new.



54.5746, 41.1574, 36.0792



52.6227, 36.5306, 28.8300



65.7540, 84.1074, 37.1966



17.3465, 17.2660, 18.4145



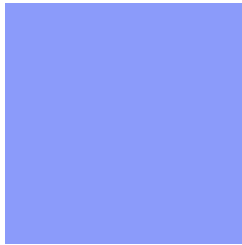
21.1120, 10.8605, 2.0325



1.9851, 1.0178, 0.3451

Previews

White Background



This preview shows how the XYZ color 39.6241, 35.8338, 95.2707 looks on a white background.

Color Contrast Check

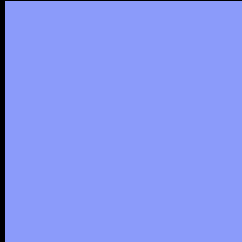
Large Text (above 18pt) WCAG AA × Fail

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 39.6241, 35.8338, 95.2707 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 39.6241, 35.8338, 95.2707

Background



This preview shows how black text looks on a background with the XYZ color 39.6241, 35.8338, 95.2707.



This preview shows how white text looks on a background with the XYZ color 39.6241, 35.8338,

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

39.6241, 35.8338, 95.2707

Protanopia

38.5607, 35.9812, 97.8412

Deuteranopia

37.0462, 36.0423, 94.6268



Tritanopia

30.6204, 35.8598, 50.1075

Trichromacy



Original Color

39.6241, 35.8338, 95.2707

Protanomaly

38.9877, 35.9675, 96.9830

Deuteranomaly

37.8092, 35.9209, 94.5632

Tritanomaly

33.4400, 35.6451, 64.1492

Monochromacy



Original Color

39.6241, 35.8338, 95.2707

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

35.1606, 35.4188, 55.4354

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6241, 35.8338, 95.2707 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(139, 155, 250)` looks like.

```
.text, #text, p{  
    color:rgb(139, 155, 250)  
}
```

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(139, 155, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 155, 250) }
```

Border

The CSS property to change the border of an element to XYZ 39.6241, 35.8338, 95.2707 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(139, 155, 250) }
```


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

```
.border{ border-color:rgb(139, 155, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 155, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 155, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 155, 250);  
box-shadow:4px 4px 4px 4px rgb(139, 155,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6241, 35.8338, 95.2707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 155, 250) }
```

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

```
.background{ background-color: rgb(139,  
155, 250) }
```

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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