

Converting Colors

XYZ(38.4776, 35.3735, 99.2770)

Have a look what the booklet for
XYZ(38.4776, 35.3735, 99.2770)
contains.

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Color

**XYZ(38.5427, 35.4326,
99.4155)**

Conversions

Conversions Part 1

Format	Color
Hex	7E9CFF
RGB	126, 156, 255
RGB Percent	49%, 61%, 100%
CMY	0.5059, 0.3882, 0.0000
CMYK	0.51, 0.39, 0.00, 0.00
HSL	226°, 100%, 75%
HSV	226°, 51%, 100%
XYZ	38.5427, 35.4326, 99.4155
YIQ	158.3160, -49.6590, 24.4290

Conversions

Conversions Part 2

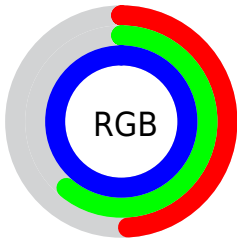
Format	Color
RYB	126, 150, 255
Decimal	8297727
CIELab	66.08, 16.28, -52.50
CIElCh	66, 54.968, 287.225
Yxy	35.4326, 0.2223, 0.2044
Android (android.graphics.Color)	4286487807 (0xFF7E9CFF)
YUV	158.3160, 47.6652, -28.3411
Hunter-Lab	59.5253, 11.4097, -57.3548

Details

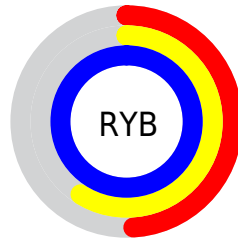
The XYZ color **38.5427, 35.4326, 99.4155** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **71.9326, 76.6191, 30.7385**, and the grayscale version is **32.4506, 34.1405, 37.1790**.

A 20% lighter version of the original color is **61.1042, 63.6275, 103.6685**, and **17.4246, 15.3042, 55.4617** is the 20% darker color. If you saturate the color by 10%, you get **32.2268, 27.6885, 98.2536**, and if you desaturate by 10%, it is **46.3483, 44.7311, 100.7989**.

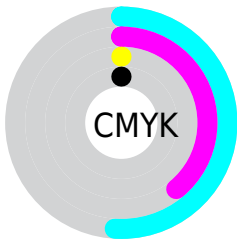
Distribution



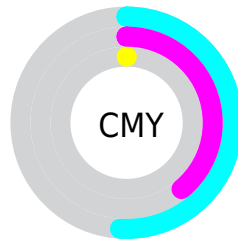
- Red (49%)
- Green (61%)
- Blue (100%)



- Red (49%)
- Yellow (59%)
- Blue (100%)



- Cyan (51%)
- Magenta (39%)
- Yellow (0%)
- Black (0%)



- Cyan (51%)
- Magenta (39%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.5427, 35.4326, 99.4155 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 38.5427, 35.4326, 99.4155 by changing the saturation by 10% instead.

■ 38.5427, 35.4326,
99.4155

■ 38.5427, 35.4326,
99.4155

331.1831,
326.4737, 579.5477

■ 26.5833, 23.9963,
75.1983

■ 72.2377, 68.1554,
162.3986

■ 17.3955, 15.3309,
55.2727

■ 94.7041, 90.2107,
202.0016

■ 10.6139, 9.0519,
39.2200

■ 121.4035,
116.5744, 247.5702

■ 5.8732, 4.7751,
26.6218

152.7012,
147.6310, 299.5231

■ 2.8081, 2.1159,
17.0594

188.9627,
183.7648, 358.2788

■ 1.0531, 0.6735,
10.1145

230.5532,

■ 0.0000, 0.0000,

225.3603, 424.2557

5.3683

277.8383,
272.8018, 497.8726

■ 0.0000, 0.0000,
2.4025

■ 0.0000, 0.0000,
0.7878

■ 38.5427, 35.4326,
99.4155

■ 38.5427, 35.4326,
99.4155

■ 32.2268, 27.6885,
98.2536

■ 46.3483, 44.7311,
100.7989

■ 27.2973, 21.4065,
97.3009

■ 55.7300, 55.6621,
102.4143

■ 23.6428, 16.4890,
96.5443

■ 66.7718, 68.3021,
104.2721

■ 21.1315, 12.8235,
95.9692

■ 79.5504, 82.7221,
106.3819

■ 19.6293, 10.3786,
95.5764

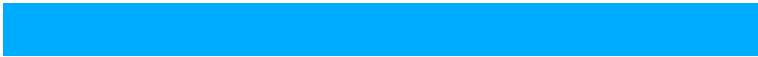
94.1379, 98.9885,
108.7528

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



30.3246, 35.4326, 101.1229



38.5427, 35.4326, 99.4155



46.5629, 35.4326, 77.8695

Triad

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



38.5427, 35.4326, 99.4155



45.5017, 35.4326, 14.0966



20.5720, 35.4326, 29.4689

Complementary

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



38.5427, 35.4326, 99.4155



71.9326, 76.6191, 30.7385

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.



23.4201, 35.4326, 15.3958



38.5427, 35.4326, 99.4155



37.2692, 35.4326, 9.2490

Square

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



38.5427, 35.4326, 99.4155



51.0048, 35.4326, 26.7409



29.2402, 35.4326, 9.6020



20.7999, 35.4326, 53.4812

Rectangle

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



38.5427, 35.4326, 99.4155



50.3222, 35.4326, 58.7300



29.2402, 35.4326, 9.6020



21.1793, 35.4326, 23.6632

Sweetspot

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



38.5439, 35.4338, 99.4157



73.6908, 76.1330, 105.4190



57.9423, 81.3870, 83.8191



15.2001, 15.6489, 22.4694



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.



38.5439, 35.4338, 99.4157



31.9958, 27.3999, 98.2101



40.0899, 29.6586, 98.2195



17.3457, 18.0631, 22.8223



10.3499, 5.6094, 49.9718



1.0867, 0.7040, 4.8919

Inverse Universe

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



54.7026, 38.5837, 36.0177



50.1617, 32.0360, 26.6915



69.2239, 88.3362, 33.1429



18.1824, 18.0563, 19.5777



22.0124, 11.2942, 3.4496



2.1831, 1.1156, 0.5457

Previews

White Background



This preview shows how the XYZ color 38.5427, 35.4326, 99.4155 looks on a white background.

Color Contrast Check

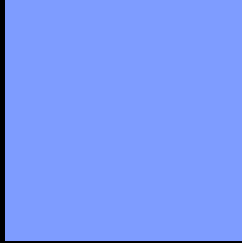
Large Text (above 18pt) WCAG AA × Fail

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 38.5427, 35.4326, 99.4155 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 38.5427, 35.4326, 99.4155

Background



This preview shows how black text looks on a background with the XYZ color 38.5427, 35.4326, 99.4155.



This preview shows how white text looks on a background with the XYZ color 38.5427, 35.4326,

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

38.5427, 35.4326, 99.4155

Protanopia

38.2753, 35.5449, 99.4513

Deuteranopia

36.5236, 35.4232, 98.6783



Tritanopia

28.9134, 35.5122, 51.2296

Trichromacy



Original Color

38.5427, 35.4326, 99.4155

Protanomaly

38.4192, 35.6190, 99.4580

Deuteranomaly

37.2270, 35.5294, 98.6617

Tritanomaly

31.8246, 35.3051, 66.1100

Monochromacy



Original Color

38.5427, 35.4326, 99.4155

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

33.5367, 34.0752, 55.2617

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.5427, 35.4326, 99.4155 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(126, 156, 255)` looks like.

```
.text, #text, p{  
    color:rgb(126, 156, 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(126, 156, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 156, 255) }
```

Border

The CSS property to change the border of an element to XYZ 38.5427, 35.4326, 99.4155 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(126, 156, 255) }
```


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

```
.border{ border-color:rgb(126, 156, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 156, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 156, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 156, 255);  
box-shadow:4px 4px 4px 4px rgb(126, 156,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 38.5427, 35.4326, 99.4155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 156, 255) }
```

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

```
.background{ background-color: rgb(126,  
156, 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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