

Converting Colors

XYZ(39.3464, 36.7035, 99.6185)

Have a look what the booklet for
XYZ(39.3464, 36.7035, 99.6185)
contains.

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Color

**XYZ(39.3502, 36.6055,
99.5993)**

Conversions

Conversions Part 1

Format	Color
Hex	809FFF
RGB	128, 159, 255
RGB Percent	50%, 62%, 100%
CMY	0.4980, 0.3765, 0.0000
CMYK	0.50, 0.38, 0.00, 0.00
HSL	225°, 100%, 75%
HSV	225°, 50%, 100%
XYZ	39.3502, 36.6055, 99.5993
YIQ	160.6750, -49.2920, 23.2840

Conversions

Conversions Part 2

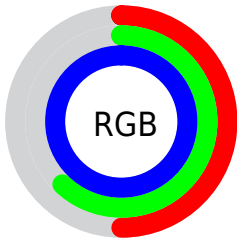
Format	Color
RYB	128, 153, 255
Decimal	8429567
CIELab	66.98, 14.98, -51.08
CIELCh	67, 53.229, 286.347
Yxy	36.6055, 0.2241, 0.2085
Android (android.graphics.Color)	4286619647 (0xFF809FFF)
YUV	160.6750, 46.5022, -28.6560
Hunter-Lab	60.5025, 10.2153, -55.2516

Details

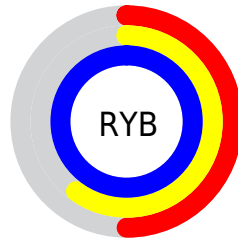
The XYZ color **39.3502, 36.6055, 99.5993** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **71.7931, 76.1317, 31.3350**, and the grayscale version is **33.5345, 35.2809, 38.4209**.

A 20% lighter version of the original color is **62.3378, 65.3733, 103.9405**, and **17.8703, 15.9956, 55.5717** is the 20% darker color. If you saturate the color by 10%, you get **32.9251, 28.7507, 98.4218**, and if you desaturate by 10%, it is **47.2583, 45.9933, 100.9945**.

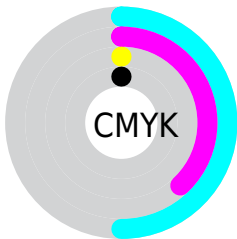
Distribution



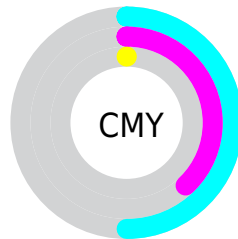
- Red (50%)
- Green (62%)
- Blue (100%)



- Red (50%)
- Yellow (60%)
- Blue (100%)



- Cyan (50%)
- Magenta (38%)
- Yellow (0%)
- Black (0%)



- Cyan (50%)
- Magenta (38%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.3502, 36.6055, 99.5993 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 39.3502, 36.6055, 99.5993 by changing the saturation by 10% instead.

■ 39.3502, 36.6055,
99.5993

■ 39.3502, 36.6055,
99.5993

334.5587,
331.5994, 580.1429

■ 27.2142, 24.9022,
75.3509

■ 73.4637, 69.9656,
162.6535

■ 17.8716, 16.0042,
55.3970

■ 96.1718, 92.3912,
202.2964

■ 10.9570, 9.5271,
39.3189

■ 123.1348,
119.1597, 247.9079

■ 6.1050, 5.0866,
26.6982

154.7179,
150.6555, 299.9065

■ 2.9503, 2.2981,
17.1162

191.2865,
187.2630, 358.7107

■ 1.1275, 0.7727,
10.1546

233.2059,

■ 0.0480, 0.0000,

229.3665, 424.7392

5.3946

280.8415,
277.3505, 498.4104

■ 0.0000, 0.0000,
2.4178

■ 0.0000, 0.0000,
0.7961

■ 39.3502, 36.6055,
99.5993

■ 39.3502, 36.6055,
99.5993

■ 32.9251, 28.7507,
98.4218

■ 47.2583, 45.9933,
100.9945

■ 27.8818, 22.3396,
97.4502

■ 56.7340, 56.9891,
102.6175

■ 24.1115, 17.2783,
96.6720

■ 67.8598, 69.6672,
104.4783

■ 21.4858, 13.4590,
96.0732

■ 80.7109, 84.0960,
106.5860

■ 19.8130, 10.7366,
95.6359

95.0500, 100.0000,
108.9000

■ 19.7857, 10.6915,
95.6286

Harmonies

Analogous

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



31.2533, 36.6055, 100.5998



39.3502, 36.6055, 99.5993



47.2852, 36.6055, 79.1274

Triad

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



39.3502, 36.6055, 99.5993



46.6542, 36.6055, 15.5565



21.7755, 36.6055, 30.2519

Complementary

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



39.3502, 36.6055, 99.5993



71.7931, 76.1317, 31.3350

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.



24.7201, 36.6055, 16.3601



39.3502, 36.6055, 99.5993



38.5892, 36.6055, 10.3731

Square

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



39.3502, 36.6055, 99.5993



51.9279, 36.6055, 28.6013



30.6009, 36.6055, 10.5954



21.9142, 36.6055, 53.7355

Rectangle

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



39.3502, 36.6055, 99.5993



51.0488, 36.6055, 60.5013



30.6009, 36.6055, 10.5954



22.4153, 36.6055, 24.5410

Sweetspot

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



39.3515, 36.6067, 99.5995



73.8108, 76.3730, 105.4590



58.0161, 81.4509, 82.6537



15.2287, 15.7061, 22.4789



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.



39.3515, 36.6067, 99.5995



32.8120, 28.6099, 98.4006



40.2180, 30.1081, 98.2995



17.3630, 18.0977, 22.8280



10.4353, 5.7802, 50.0003



1.0972, 0.7250, 4.8954

Inverse Universe

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



55.2181, 39.2031, 37.4586



50.6768, 32.6369, 28.1868



70.1656, 88.8066, 33.8673



18.1911, 18.0598, 19.6237



22.0555, 11.3115, 3.6765



2.1884, 1.1177, 0.5736

Previews

White Background



This preview shows how the XYZ color 39.3502, 36.6055, 99.5993 looks on a white background.

Color Contrast Check

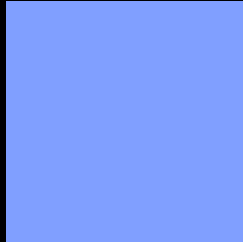
Large Text (above 18pt) WCAG AA × Fail

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 39.3502, 36.6055, 99.5993 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 39.3502, 36.6055, 99.5993

Background



This preview shows how black text looks on a background with the XYZ color 39.3502, 36.6055, 99.5993.



This preview shows how white text looks on a background with the XYZ color 39.3502, 36.6055,

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

39.3502, 36.6055, 99.5993

Protanopia

39.2005, 36.5283, 99.5923

Deuteranopia

37.6198, 36.5071, 98.8297



Tritanopia

29.9766, 36.6008, 52.4984

Trichromacy



Original Color

39.3502, 36.6055, 99.5993

Protanomaly

39.2005, 36.5283, 99.5923

Deuteranomaly

38.1055, 36.4970, 98.8022

Tritanomaly

32.9565, 36.4036, 67.5770

Monochromacy



Original Color

39.3502, 36.6055, 99.5993

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.8156, 35.4713, 56.6414

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3502, 36.6055, 99.5993 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(128, 159, 255)` looks like.

```
.text, #text, p{  
    color:rgb(128, 159, 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(128, 159, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 159, 255) }
```

Border

The CSS property to change the border of an element to XYZ 39.3502, 36.6055, 99.5993 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(128, 159, 255) }
```


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

```
.border{ border-color:rgb(128, 159, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 159, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 159, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 159, 255);  
box-shadow:4px 4px 4px 4px rgb(128, 159,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3502, 36.6055, 99.5993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 159, 255) }
```

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

```
.background{ background-color: rgb(128,  
159, 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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