

Converting Colors

XYZ(39.9662, 36.7423, 93.8686)

Have a look what the booklet for
XYZ(39.9662, 36.7423, 93.8686)
contains.

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Color

**XYZ(39.9854, 36.8065,
93.8038)**

Conversions

Conversions Part 1

Format	Color
Hex	8C9EF8
RGB	140, 158, 248
RGB Percent	55%, 62%, 97%
CMY	0.4510, 0.3804, 0.0274
CMYK	0.44, 0.36, 0.00, 0.03
HSL	230°, 89%, 76%
HSV	230°, 44%, 97%
XYZ	39.9854, 36.8065, 93.8038
YIQ	162.8780, -39.6180, 24.1740

Conversions

Conversions Part 2

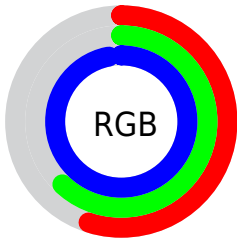
Format	Color
RYB	140, 155, 248
Decimal	9215736
CIELab	67.13, 16.32, -46.97
CIElCh	67, 49.730, 289.162
Yxy	36.8065, 0.2344, 0.2158
Android (android.graphics.Color)	4287405816 (0xFF8C9EF8)
YUV	162.8780, 41.9651, -20.0640
Hunter-Lab	60.6684, 11.4764, -49.2048

Details

The XYZ color **39.9854, 36.8065, 93.8038** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **71.7435, 78.4458, 36.1732**, and the grayscale version is **34.5783, 36.3790, 39.6167**.

A 20% lighter version of the original color is **64.6194, 66.1773, 103.9754**, and **18.2289, 16.1160, 51.4401** is the 20% darker color. If you saturate the color by 10%, you get **33.0340, 28.4229, 92.5527**, and if you desaturate by 10%, it is **48.4739, 46.8638, 95.2984**.

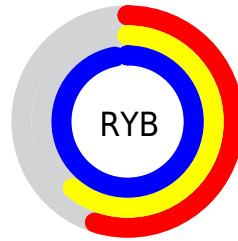
Distribution



Red (55%)

Green (62%)

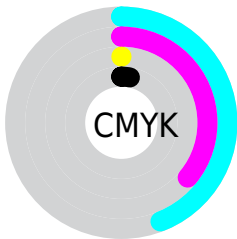
Blue (97%)



Red (55%)

Yellow (61%)

Blue (97%)

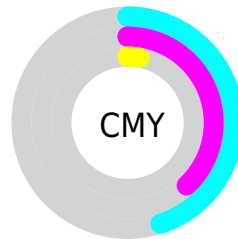


Cyan (44%)

Magenta (36%)

Yellow (0%)

Black (3%)



Cyan (45%)

Magenta (38%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.9854, 36.8065, 93.8038 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 39.9854, 36.8065, 93.8038 by changing the saturation by 10% instead.

■ 39.9854, 36.8065,
93.8038

■ 39.9854, 36.8065,
93.8038

337.1975,
332.4720, 561.2146

■ 27.7113, 25.0577,
70.5484

■ 74.4258, 70.2751,
154.5923

■ 18.2475, 16.1201,
51.4942

■ 97.3228, 92.7637,
192.9625

■ 11.2286, 9.6091,
36.2226

124.4914,
119.6010, 237.2080

■ 6.2892, 5.1406,
24.3151

156.2971,
151.1714, 287.7474

■ 3.0641, 2.3300,
15.3532

193.1053,
187.8593, 344.9992

■ 1.1877, 0.7895,
8.9183

235.2811,

■ 0.0966, 0.0000,

230.0491, 409.3820

4.5918

283.1901,
278.1252, 481.3142

■ 0.0000, 0.0000,
1.9553

■ 0.0000, 0.0000,
0.5276

■ 39.9854, 36.8065,
93.8038

■ 39.9854, 36.8065,
93.8038

■ 33.0340, 28.4229,
92.5527

■ 48.4739, 46.8638,
95.2984

■ 27.5220, 21.6168,
91.5295

■ 58.5812, 58.6758,
97.0456

■ 23.3466, 16.2879,
90.7210

■ 70.3877, 72.3231,
99.0575

■ 20.3889, 12.3223,
90.1114

■ 83.9675, 87.8800,
101.3446

■ 18.5076, 9.5884,
89.6829

■ 93.9434, 99.5574,
103.0727

■ 17.7478, 8.3861,
89.4909

Harmonies

Analogous

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



32.3154, 36.8065, 96.5934



39.9854, 36.8065, 93.8038



47.2005, 36.8065, 74.0113

Triad

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



39.9854, 36.8065, 93.8038



45.3988, 36.8065, 16.0761



22.5393, 36.8065, 32.7327

Complementary

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



39.9854, 36.8065, 93.8038



71.7435, 78.4458, 36.1732

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.



25.0805, 36.8065, 18.5189



39.9854, 36.8065, 93.8038



37.7945, 36.8065, 11.4814

Square

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



39.9854, 36.8065, 93.8038



50.6244, 36.8065, 27.8842



30.4171, 36.8065, 12.1760



22.9499, 36.8065, 55.3865

Rectangle

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



39.9854, 36.8065, 93.8038



50.4381, 36.8065, 56.8221



30.4171, 36.8065, 12.1760



23.0601, 36.8065, 26.9930

Sweetspot

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



39.9868, 36.8078, 93.8047



75.6999, 77.8691, 105.6482



58.6669, 78.4245, 86.9094



15.5689, 15.9374, 22.5056



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.



39.9868, 36.8078, 93.8047



36.1816, 31.4844, 98.7779



44.2276, 34.7656, 93.1870



16.5167, 17.1103, 21.8174



9.6545, 4.6646, 48.3651



0.9584, 0.5605, 4.5008

Inverse Universe

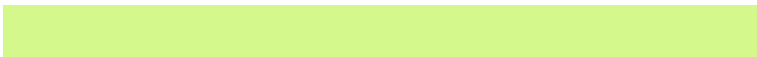
The Inverse Universe completely reimagines the original color for something new.



54.2623, 41.1830, 37.4381



53.3209, 37.3064, 30.9760



65.4537, 83.0263, 37.3888



17.3626, 17.2724, 18.4992



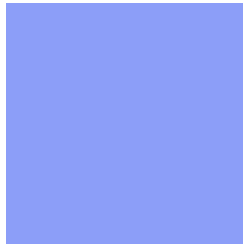
21.1652, 10.8818, 2.3123



1.9927, 1.0208, 0.3849

Previews

White Background



This preview shows how the XYZ color 39.9854, 36.8065, 93.8038 looks on a white background.

Color Contrast Check

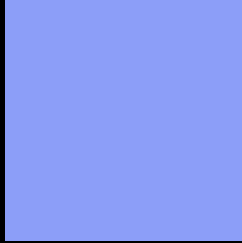
Large Text (above 18pt) WCAG AA × Fail

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 39.9854, 36.8065, 93.8038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

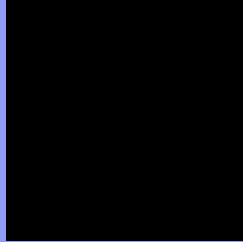
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.9854, 36.8065, 93.8038

Background



This preview shows how black text looks on a background with the XYZ color 39.9854, 36.8065, 93.8038.



This preview shows how white text looks on a background with the XYZ color 39.9854, 36.8065,

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

39.9854, 36.8065, 93.8038

Protanopia

39.1862, 36.8690, 95.4936

Deuteranopia

37.8772, 36.7670, 93.0961



Tritanopia

31.4882, 36.8396, 51.3501

Trichromacy



Original Color

39.9854, 36.8065, 93.8038

Protanomaly

39.3285, 36.7042, 94.6343

Deuteranomaly

38.5866, 36.8723, 93.0790

Tritanomaly

34.0746, 36.4936, 64.9226

Monochromacy



Original Color

39.9854, 36.8065, 93.8038

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

36.0000, 36.3533, 56.1584

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.9854, 36.8065, 93.8038 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(140, 158, 248)` looks like.

```
.text, #text, p{  
    color:rgb(140, 158, 248)  
}
```

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(140, 158, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 158, 248) }
```

Border

The CSS property to change the border of an element to XYZ 39.9854, 36.8065, 93.8038 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(140, 158, 248) }
```


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

```
.border{ border-color:rgb(140, 158, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 158, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 158, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 158, 248);  
box-shadow:4px 4px 4px 4px rgb(140, 158,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 39.9854, 36.8065, 93.8038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 158, 248) }
```

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

```
.background{ background-color: rgb(140,  
158, 248) }
```

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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