

Converting Colors

XYZ(39.5343, 33.1133, 98.9156)

Have a look what the booklet for
XYZ(39.5343, 33.1133, 98.9156)
contains.

XYZ(39.5249, 33.0958, 98.9127)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(39.5249, 33.0958,
98.9127)**

Conversions

Conversions Part 1

Format	Color
Hex	9090FF
RGB	144, 144, 255
RGB Percent	56%, 56%, 100%
CMY	0.4353, 0.4353, 0.0000
CMYK	0.44, 0.44, 0.00, 0.00
HSL	240°, 100%, 78%
HSV	240°, 44%, 100%
XYZ	39.5249, 33.0958, 98.9127
YIQ	156.6540, -35.6310, 34.5210

Conversions

Conversions Part 2

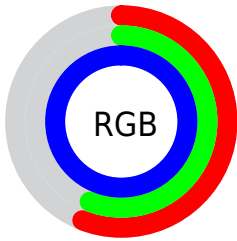
Format	Color
RYB	144, 144, 255
Decimal	9474303
CIELab	64.24, 27.35, -55.36
CIELCh	64, 61.745, 296.292
Yxy	33.0958, 0.2304, 0.1929
Android (android.graphics.Color)	4287664383 (0xFF9090FF)
YUV	156.6540, 48.4846, -11.0976
Hunter-Lab	57.5289, 21.9616, -61.6703

Details

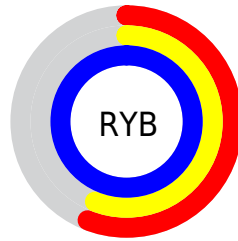
The XYZ color **39.5249, 33.0958, 98.9127** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **82.0330, 94.7931, 40.3597**, and the grayscale version is **31.6945, 33.3451, 36.3128**.

A 20% lighter version of the original color is **62.6012, 60.1647, 102.9213**, and **18.0335, 14.0611, 55.1897** is the 20% darker color. If you saturate the color by 10%, you get **32.1278, 24.1825, 97.5821**, and if you desaturate by 10%, it is **48.8022, 44.2740, 100.5813**.

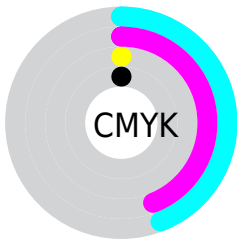
Distribution



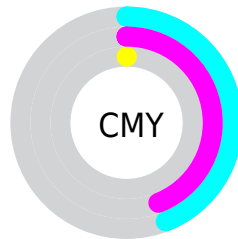
- Red (56%)
- Green (56%)
- Blue (100%)



- Red (56%)
- Yellow (56%)
- Blue (100%)



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



- Cyan (44%)
- Magenta (44%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.5249, 33.0958, 98.9127 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 39.5249, 33.0958, 98.9127 by changing the saturation by 10% instead.

■ 39.5249, 33.0958,
98.9127

■ 39.5249, 33.0958,
98.9127

335.2859,
316.0812, 577.9179

■ 27.3509, 22.1998,
74.7810

■ 73.7285, 64.5251,
161.7010

■ 17.9749, 14.0038,
54.9328

■ 96.4887, 85.8272,
201.1947

■ 11.0315, 8.1233,
38.9497

123.5084,
111.3668, 246.6461

■ 6.1555, 4.1740,
26.4131

155.1528,
141.5283, 298.4737

■ 2.9814, 1.7713,
16.9044

191.7875,
176.6961, 357.0962

■ 1.1439, 0.4692,
10.0051

233.7776,

■ 0.0614, 0.0000,

217.2546, 422.9320

5.2967

281.4886,
263.5881, 496.3998

■ 0.0000, 0.0000,
2.3606

■ 0.0000, 0.0000,
0.7649

■ 39.5249, 33.0958,
98.9127

■ 39.5249, 33.0958,
98.9127

■ 32.1278, 24.1825,
97.5821

■ 48.8022, 44.2740,
100.5813

■ 26.4794, 17.3766,
96.5661

■ 60.0722, 57.8537,
102.6085

■ 22.4368, 12.5056,
95.8390

■ 73.4429, 73.9646,
105.0135

■ 19.8332, 9.3685,
95.3707

■ 89.0132, 92.7260,
107.8142

■ 18.4653, 7.7203,
95.1247

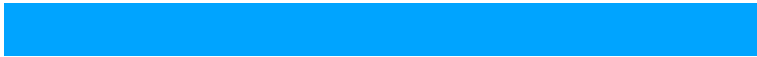
95.0500, 100.0000,
108.9000

■ 18.0501, 7.2200,
95.0500

Harmonies

Analogous

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



30.3796, 33.0958, 108.8135



39.5249, 33.0958, 98.9127



47.6562, 33.0958, 69.9923

Triad

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



39.5249, 33.0958, 98.9127



41.7631, 33.0958, 8.9557



17.4616, 33.0958, 33.0047

Complementary

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



39.5249, 33.0958, 98.9127



82.0330, 94.7931, 40.3597

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.



19.4198, 33.0958, 15.3436



39.5249, 33.0958, 98.9127



32.5587, 33.0958, 6.1477

Square

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



39.5249, 33.0958, 98.9127



49.1078, 33.0958, 18.6101



24.5685, 33.0958, 7.7781



18.6406, 33.0958, 61.9119

Rectangle

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



39.5249, 33.0958, 98.9127



50.8273, 33.0958, 48.7214



24.5685, 33.0958, 7.7781



17.7636, 33.0958, 25.7686

Sweetspot

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



39.5261, 33.0969, 98.9128



74.2100, 74.8890, 105.1515



65.3120, 84.6695, 107.5083



15.2071, 15.2137, 22.3850



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.



39.5261, 33.0969, 98.9128



33.1421, 25.4046, 97.7645



51.7099, 39.3779, 99.4830



17.0032, 17.3778, 22.7080



9.4316, 3.7726, 49.6657



0.9183, 0.3673, 4.8358

Inverse Universe

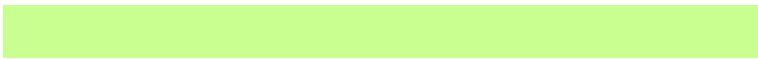
The Inverse Universe completely reimagines the original color for something new.



69.2631, 48.4269, 100.3018



66.2981, 42.4973, 99.3130



64.4806, 85.7444, 39.5382



18.7927, 18.3004, 22.7917



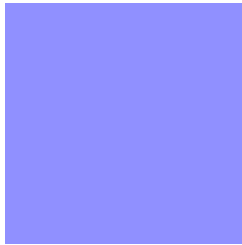
30.9797, 14.8812, 50.6709



3.0164, 1.4489, 4.9337

Previews

White Background



This preview shows how the XYZ color 39.5249, 33.0958, 98.9127 looks on a white background.

Color Contrast Check

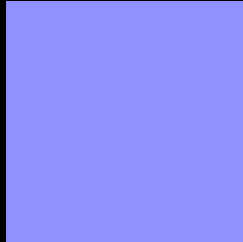
Large Text (above 18pt) WCAG AA × Fail

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 39.5249, 33.0958, 98.9127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

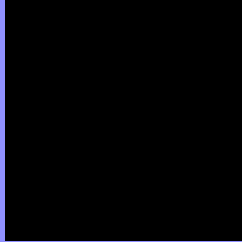
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.5249, 33.0958, 98.9127

Background



This preview shows how black text looks on a background with the XYZ color 39.5249, 33.0958, 98.9127.



This preview shows how white text looks on a background with the XYZ color 39.5249, 33.0958,

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

39.5249, 33.0958, 98.9127

Protanopia

36.2177, 33.2539, 99.1175

Deuteranopia

34.2830, 33.2920, 96.7146



Tritanopia

28.8266, 33.1468, 45.4361

Trichromacy



Original Color

39.5249, 33.0958, 98.9127

Protanomaly

37.2549, 33.0749, 99.0283

Deuteranomaly

35.7679, 33.0590, 97.4244

Tritanomaly

31.9805, 32.6276, 61.7389

Monochromacy



Original Color

39.5249, 33.0958, 98.9127

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

33.8028, 32.9821, 55.0367

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5249, 33.0958, 98.9127 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(144, 144, 255)` looks like.

```
.text, #text, p{  
    color:rgb(144, 144, 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(144, 144, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 144, 255) }
```

Border

The CSS property to change the border of an element to XYZ 39.5249, 33.0958, 98.9127 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(144, 144, 255) }
```


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

```
.border{ border-color:rgb(144, 144, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 144, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 144, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 144, 255);  
box-shadow:4px 4px 4px 4px rgb(144, 144,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5249, 33.0958, 98.9127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 144, 255) }
```

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

```
.background{ background-color: rgb(144,  
144, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor