

Converting Colors

XYZ(43.2645, 39.1934, 97.3803)

Have a look what the booklet for
XYZ(43.2645, 39.1934, 97.3803)
contains.

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Color

**XYZ(43.2645, 39.1934,
97.3803)**

Conversions

Conversions Part 1

Format	Color
Hex	98A1FC
RGB	152, 161, 252
RGB Percent	60%, 63%, 99%
CMY	0.4039, 0.3686, 0.0118
CMYK	0.40, 0.36, 0.00, 0.01
HSL	235°, 94%, 79%
HSV	235°, 40%, 99%
XYZ	43.2645, 39.1934, 97.3803
YIQ	168.6830, -34.5750, 26.3930

Conversions

Conversions Part 2

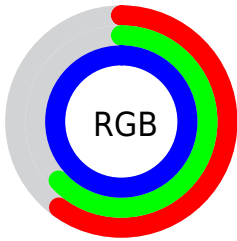
Format	Color
RYB	152, 160, 252
Decimal	10002940
CIELab	68.89, 18.71, -46.33
CIELCh	69, 49.966, 291.994
Yxy	39.1934, 0.2406, 0.2179
Android (android.graphics.Color)	4288193020 (0xFF98A1FC)
YUV	168.6830, 41.0753, -14.6310
Hunter-Lab	62.6046, 13.7988, -48.4012

Details

The XYZ color **43.2645, 39.1934, 97.3803** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **77.8646, 87.0658, 42.4093**, and the grayscale version is **37.3728, 39.3191, 42.8185**.

A 20% lighter version of the original color is **68.9004, 69.8870, 104.4659**, and **20.2501, 17.5788, 53.9555** is the 20% darker color. If you saturate the color by 10%, you get **35.3927, 29.7224, 95.9679**, and if you desaturate by 10%, it is **52.8760, 50.6536, 99.0865**.

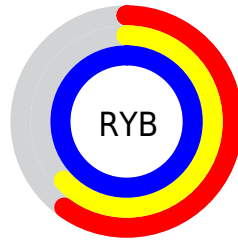
Distribution



Red (60%)

Green (63%)

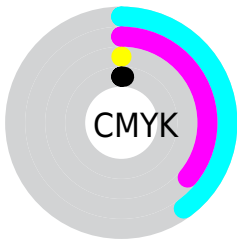
Blue (99%)



Red (60%)

Yellow (63%)

Blue (99%)

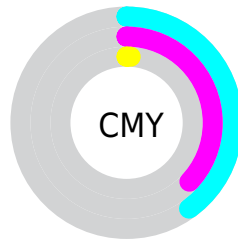


Cyan (40%)

Magenta (36%)

Yellow (0%)

Black (1%)



Cyan (40%)

Magenta (37%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.2645, 39.1934, 97.3803 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 43.2645, 39.1934, 97.3803 by changing the saturation by 10% instead.

■ 43.2645, 39.1934,
97.3803

■ 43.2645, 39.1934,
97.3803

350.6015,
342.7120, 572.9354

■ 30.2881, 26.9102,
73.5099

■ 79.3631, 73.9337,
159.5728

■ 20.2065, 17.5058,
53.8986

■ 103.2160, 97.1596,
198.7319

■ 12.6544, 10.5958,
38.1280

131.4251,
124.8018, 243.8244

■ 7.2664, 5.7957,
25.7794

164.3558,
157.2448, 295.2687

■ 3.6770, 2.7213,
16.4344

202.3734,
194.8729, 353.4834

■ 1.5211, 0.9880,
9.6744

245.8434,

■ 0.3401, 0.0000,

238.0705, 418.8870

5.0809

295.1309,
287.2221, 491.8982

■ 0.0000, 0.0000,
2.2352

■ 0.0000, 0.0000,
0.6946

■ 43.2645, 39.1934,
97.3803

■ 43.2645, 39.1934,
97.3803

■ 35.3927, 29.7224,
95.9679

■ 52.8760, 50.6536,
99.0865

■ 29.1520, 22.1229,
94.8299

■ 64.3185, 64.2030,
101.0987

■ 24.4285, 16.2713,
93.9494

■ 77.6818, 79.9403,
103.4320

■ 21.0913, 12.0273,
93.3061

■ 93.0489, 97.9564,
106.0995

■ 18.9873, 9.2287,
92.8768

94.5708, 99.8083,
106.3768

■ 17.8955, 7.6626,
92.6321

■ 17.8708, 7.6283,
92.6268

Harmonies

Analogous

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



35.1668, 39.1934, 102.2331



43.2645, 39.1934, 97.3803



50.6167, 39.1934, 75.6396

Triad

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



43.2645, 39.1934, 97.3803



47.4611, 39.1934, 16.6705



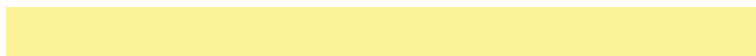
24.0917, 39.1934, 36.8724

Complementary

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



43.2645, 39.1934, 97.3803



77.8646, 87.0658, 42.4093

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.



26.4751, 39.1934, 21.0241



43.2645, 39.1934, 97.3803



39.4184, 39.1934, 12.3778

Square

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



43.2645, 39.1934, 97.3803



53.2693, 39.1934, 28.3107



31.8243, 39.1934, 13.6245



24.8182, 39.1934, 61.2243

Rectangle

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



43.2645, 39.1934, 97.3803



53.7316, 39.1934, 57.6611



31.8243, 39.1934, 13.6245



24.5422, 39.1934, 30.5402

Sweetspot

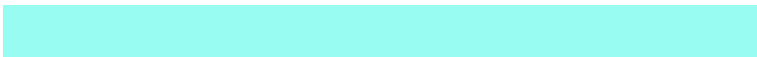
The Sweet Spot groups the original color and five complimentary colors.



43.2659, 39.1948, 97.3812



76.4257, 78.1534, 105.6648



63.7877, 82.7081, 96.6077



15.9628, 16.2628, 22.5477



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.



43.2659, 39.1948, 97.3812



37.5747, 32.0038, 98.8047



50.5389, 40.6932, 97.2871



16.4086, 16.8940, 21.7813



9.3529, 4.0614, 48.2645



0.9075, 0.4586, 4.4839

Inverse Universe

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



57.8075, 45.7269, 39.4988



54.5774, 39.9276, 31.0613



67.6307, 85.8860, 42.7209



17.3080, 17.2506, 18.2118



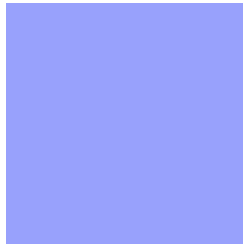
21.0129, 10.8209, 1.5106



1.9670, 1.0105, 0.2495

Previews

White Background



This preview shows how the XYZ color 43.2645, 39.1934, 97.3803 looks on a white background.

Color Contrast Check

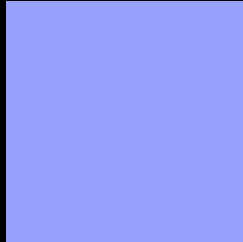
Large Text (above 18pt) WCAG AA × Fail

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 43.2645, 39.1934, 97.3803 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 43.2645, 39.1934, 97.3803

Background



This preview shows how black text looks on a background with the XYZ color 43.2645, 39.1934, 97.3803.



This preview shows how white text looks on a background with the XYZ color 43.2645, 39.1934,

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

43.2645, 39.1934, 97.3803

Protanopia

41.6585, 39.3645, 100.0102

Deuteranopia

40.4372, 39.3483, 96.7305



Tritanopia

34.3665, 39.1372, 53.3199

Trichromacy



Original Color

43.2645, 39.1934, 97.3803

Protanomaly

42.3202, 39.4575, 99.1515

Deuteranomaly

41.3490, 39.2786, 96.6690

Tritanomaly

37.1012, 38.8299, 67.1675

Monochromacy



Original Color

43.2645, 39.1934, 97.3803

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

39.0493, 39.1825, 59.5377

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2645, 39.1934, 97.3803 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(152, 161, 252)` looks like.

```
.text, #text, p{  
    color:rgb(152, 161, 252)  
}
```

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(152, 161, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 161, 252) }
```

Border

The CSS property to change the border of an element to XYZ 43.2645, 39.1934, 97.3803 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(152, 161, 252) }
```


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

```
.border{ border-color:rgb(152, 161, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 161, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 161, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 161, 252);  
box-shadow:4px 4px 4px 4px rgb(152, 161,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2645, 39.1934, 97.3803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 161, 252) }
```

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

```
.background{ background-color: rgb(152,  
161, 252) }
```

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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