

Converting Colors

XYZ(43.0000, 39.2833, 89.7848)

Have a look what the booklet for
XYZ(43.0000, 39.2833, 89.7848)
contains.

XYZ(43.0231, 39.2299, 90.0986)	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(43.0231, 39.2299,
90.0986)**

Conversions

Conversions Part 1

Format	Color
Hex	9EA1F3
RGB	158, 161, 243
RGB Percent	62%, 63%, 95%
CMY	0.3804, 0.3686, 0.0471
CMYK	0.35, 0.34, 0.00, 0.05
HSL	238°, 78%, 79%
HSV	238°, 35%, 95%
XYZ	43.0231, 39.2299, 90.0986
YIQ	169.4510, -28.1100, 24.8660

Conversions

Conversions Part 2

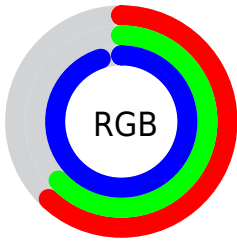
Format	Color
RYB	158, 161, 243
Decimal	10396147
CIELab	68.92, 17.88, -41.36
CIElCh	69, 45.057, 293.383
Yxy	39.2299, 0.2496, 0.2276
Android (android.graphics.Color)	4288586227 (0xFF9EA1F3)
YUV	169.4510, 36.2597, -10.0425
Hunter-Lab	62.6338, 13.0024, -41.4449

Details

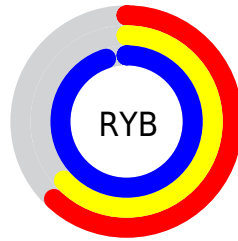
The XYZ color **43.0231, 39.2299, 90.0986** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **74.2950, 83.8449, 44.6174**, and the grayscale version is **37.7724, 39.7395, 43.2764**.

A 20% lighter version of the original color is **70.6302, 70.7788, 104.5468**, and **20.0324, 17.5806, 48.7919** is the 20% darker color. If you saturate the color by 10%, you get **34.9877, 29.5662, 88.6575**, and if you desaturate by 10%, it is **52.7743, 50.9197, 91.8417**.

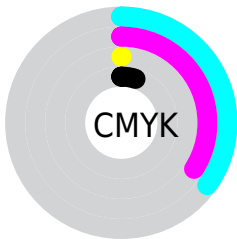
Distribution



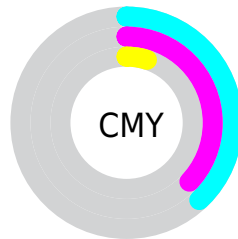
- Red (62%)
- Green (63%)
- Blue (95%)



- Red (62%)
- Yellow (63%)
- Blue (95%)



- Cyan (35%)
- Magenta (34%)
- Yellow (0%)
- Black (5%)



- Cyan (38%)
- Magenta (37%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.0231, 39.2299, 90.0986 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 43.0231, 39.2299, 90.0986 by changing the saturation by 10% instead.

■ 43.0231, 39.2299,
90.0986

■ 43.0231, 39.2299,
90.0986

349.6267,
342.8669, 548.9299

■ 30.0978, 26.9386,
67.4882

■ 79.0012, 73.9894,
149.4121

■ 20.0613, 17.5271,
49.0174

■ 102.7848, 97.2264,
186.9523

■ 12.5481, 10.6110,
34.2676

130.9185,
124.8808, 230.3061

■ 7.1930, 5.8059,
22.8202

163.7677,
157.3369, 279.8923

■ 3.6305, 2.7274,
14.2568

201.6978,
194.9792, 336.1292

■ 1.4953, 0.9911,
8.1587

245.0740,

■ 0.3226, 0.0000,

238.1920, 399.4354

4.1074

294.2619,
287.3598, 470.2295

■ 0.0000, 0.0000,
1.6845

■ 0.0000, 0.0000,
0.3501

■ 43.0231, 39.2299,
90.0986

■ 43.0231, 39.2299,
90.0986

■ 34.9877, 29.5662,
88.6575

■ 52.7743, 50.9197,
91.8417

■ 28.5648, 21.8092,
87.4988

■ 64.3281, 64.7369,
93.8998

■ 23.6469, 15.8340,
86.6047

■ 77.7705, 80.7814,
96.2882

■ 20.1112, 11.4990,
85.9543

■ 93.1056, 99.1068,
99.0171

■ 17.8159, 8.6410,
85.5236

■ 93.1778, 99.2511,
99.0411

■ 16.5886, 7.0634,
85.2838

■ 16.2709, 6.6573,
85.2222

Harmonies

Analogous

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



35.7226, 39.2299, 95.0827



43.0231, 39.2299, 90.0986



49.4670, 39.2299, 70.8182

Triad

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



43.0231, 39.2299, 90.0986



46.1177, 39.2299, 18.2368



25.2132, 39.2299, 38.3298

Complementary

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



43.0231, 39.2299, 90.0986



74.2950, 83.8449, 44.6174

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.



27.2907, 39.2299, 23.2464



43.0231, 39.2299, 90.0986



38.8961, 39.2299, 14.2965

Square

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



43.0231, 39.2299, 90.0986



51.4075, 39.2299, 28.8973



32.0846, 39.2299, 15.7797



26.0222, 39.2299, 60.3552

Rectangle

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



43.0231, 39.2299, 90.0986



52.0992, 39.2299, 55.0136



32.0846, 39.2299, 15.7797



25.5873, 39.2299, 32.4007

Sweetspot

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



43.0245, 39.2314, 90.0995



78.9311, 80.7768, 106.0391



61.6954, 77.5885, 93.1931



16.4472, 16.7555, 22.6172



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.



43.0245, 39.2314, 90.0995



41.4209, 35.8590, 99.3461



51.2360, 42.6958, 90.3354



15.6280, 16.0204, 20.8111



8.9502, 3.6941, 46.7793



0.8028, 0.3571, 4.1168

Inverse Universe

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



55.6233, 46.0832, 39.6829



57.4555, 44.6649, 35.1611



63.3313, 79.5144, 44.3594



16.5228, 16.4920, 17.2338



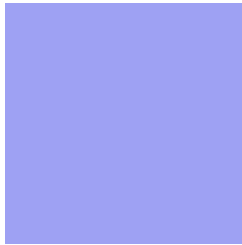
20.3221, 10.4723, 1.1389



1.7943, 0.9237, 0.1431

Previews

White Background



This preview shows how the XYZ color 43.0231, 39.2299, 90.0986 looks on a white background.

Color Contrast Check

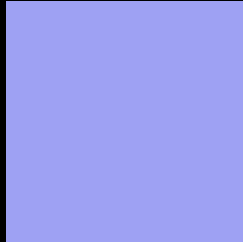
Large Text (above 18pt) WCAG AA × Fail

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 43.0231, 39.2299, 90.0986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

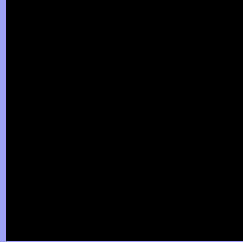
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.0231, 39.2299, 90.0986

Background



This preview shows how black text looks on a background with the XYZ color 43.0231, 39.2299, 90.0986.



This preview shows how white text looks on a background with the XYZ color 43.0231, 39.2299,

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

43.0231, 39.2299, 90.0986

Protanopia

41.0742, 39.2268, 92.5955

Deuteranopia

40.4932, 39.5372, 89.5016



Tritanopia

35.2925, 39.0700, 52.1355

Trichromacy



Original Color

43.0231, 39.2299, 90.0986

Protanomaly

41.7895, 39.3465, 91.7783

Deuteranomaly

41.3362, 39.4321, 89.4369

Tritanomaly

37.8428, 38.9943, 64.5636

Monochromacy



Original Color

43.0231, 39.2299, 90.0986

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

39.1171, 39.2573, 57.7403

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0231, 39.2299, 90.0986 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(158, 161, 243)` looks like.

```
.text, #text, p{  
    color:rgb(158, 161, 243)  
}
```

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(158, 161, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 161, 243) }
```

Border

The CSS property to change the border of an element to XYZ 43.0231, 39.2299, 90.0986 is called "border". The border property can be set on classes, ids or directly on the HTML element.

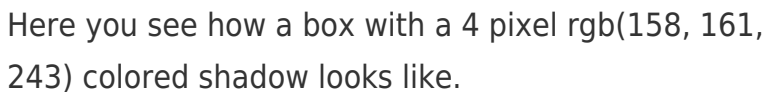
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(158, 161, 243) }
```


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

```
.border{ border-color:rgb(158, 161, 243) }
```

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



Here you see how a box with a 4 pixel `rgb(158, 161, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 161, 243); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 161, 243); box-shadow:4px 4px 4px 4px rgb(158, 161, 243) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0231, 39.2299, 90.0986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 161, 243) }
```

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

```
.background{ background-color: rgb(158,  
161, 243) }
```

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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