

Converting Colors

XYZ(39.6074, 24.2670, 97.2042)

Have a look what the booklet for
XYZ(39.6074, 24.2670, 97.2042)
contains.

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Color

**XYZ(39.5083, 24.2241,
97.2011)**

Conversions

Conversions Part 1

Format	Color
Hex	AE5EFF
RGB	174, 94, 255
RGB Percent	68%, 37%, 100%
CMY	0.3176, 0.6314, 0.0000
CMYK	0.32, 0.63, 0.00, 0.00
HSL	270°, 100%, 68%
HSV	270°, 63%, 100%
XYZ	39.5083, 24.2241, 97.2011
YIQ	136.2740, -4.0010, 67.0310

Conversions

Conversions Part 2

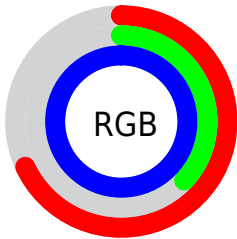
Format	Color
R _Y B	174, 94, 255
Decimal	11427583
CIE _{Lab}	56.31, 61.47, -67.90
CIE _{LCh}	56, 91.588, 312.152
Y _{xy}	24.2241, 0.2455, 0.1505
Android (android.graphics.Color)	4289617663 (0xFFAE5EFF)
Y _{UV}	136.2740, 58.5319, 33.0857
Hunter-Lab	49.2180, 57.1542, -82.6398

Details

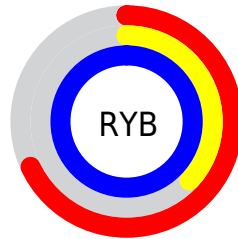
The XYZ color **39.5083, 24.2241, 97.2011** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **55.4593, 81.4420, 23.3871**, and the grayscale version is **23.2940, 24.5071, 26.6882**.

A 20% lighter version of the original color is **62.5716, 45.8922, 100.1679**, and **18.0060, 9.1953, 53.6492** is the 20% darker color. If you saturate the color by 10%, you get **34.8809, 19.0105, 96.4387**, and if you desaturate by 10%, it is **45.1594, 31.0772, 98.2261**.

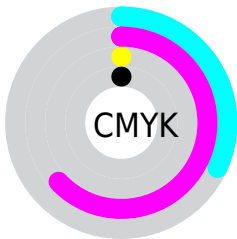
Distribution



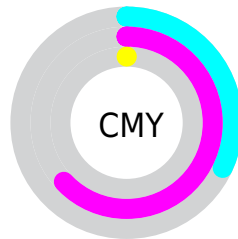
- Red (68%)
- Green (37%)
- Blue (100%)



- Red (68%)
- Yellow (37%)
- Blue (100%)



- Cyan (32%)
- Magenta (63%)
- Yellow (0%)
- Black (0%)





- Cyan (32%)
- Magenta (63%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.5083, 24.2241, 97.2011 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 39.5083, 24.2241, 97.2011 by changing the saturation by 10% instead.

 39.5083, 24.2241,
97.2011

 39.5083, 24.2241,
97.2011


335.2168,
273.9515, 572.3512


 27.3379, 15.4999,
73.3613


 73.7033, 50.3957,
159.3237


 17.9650, 9.1710,
53.7778


 96.4586, 68.6118,
198.4435

 11.0244, 4.8529,
38.0321


 123.4729, 90.7608,
243.4939

 6.1507, 2.1612,
25.7056

 155.1115,
117.2270, 294.8932

 2.9785, 0.6987,
16.3797

191.7399,
148.3948, 353.0600

 1.1424, 0.0000,
9.6360

233.7233,

 0.0601, 0.0000,

184.6485, 418.4130

5.0559

281.4272,
226.3726, 491.3705

■ 0.0000, 0.0000,
2.2208

■ 0.0000, 0.0000,
0.6863

■ 39.5083, 24.2241,
97.2011

■ 39.5083, 24.2241,
97.2011

■ 34.8809, 19.0105,
96.4387

■ 45.1594, 31.0772,
98.2261

■ 31.1894, 15.2762,
95.9125

■ 51.9048, 39.7043,
99.5358

■ 28.3335, 12.8306,
95.5910

■ 59.8120, 50.2282,
101.1503

■ 26.7596, 11.7100,
95.4576

■ 68.9413, 62.7598,
103.0880

■ 79.3488, 77.4013,
105.3656

■ 91.0867, 94.2478,
107.9986

■ 95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



27.5668, 24.2241, 133.7813



39.5083, 24.2241, 97.2011



48.2521, 24.2241, 48.5039

Triad

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



39.5083, 24.2241, 97.2011



29.8221, 24.2241, 0.6927



8.3363, 24.2241, 40.6026

Complementary

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



39.5083, 24.2241, 97.2011



55.4593, 81.4420, 23.3871

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.



8.6043, 24.2241, 12.2704



39.5083, 24.2241, 97.2011



19.0104, 24.2241, 0.5280

Square

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



39.5083, 24.2241, 97.2011



41.5877, 24.2241, 3.4373



11.9126, 24.2241, 2.4908



11.0169, 24.2241, 87.7792

Rectangle

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



39.5083, 24.2241, 97.2011



49.8455, 24.2241, 24.2525



11.9126, 24.2241, 2.4908



8.1146, 24.2241, 28.6198

Sweetspot

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



39.5093, 24.2249, 97.2013



73.0881, 68.5545, 103.9879



38.4249, 41.1170, 100.5189



15.0251, 13.8075, 22.1232



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.



39.5093, 24.2249, 97.2013



33.7321, 17.7975, 96.2651



62.3126, 35.9804, 98.2684



17.8629, 17.8210, 22.7483



14.1544, 6.2073, 49.8867



1.5040, 0.6693, 4.8632

Inverse Universe

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



52.9806, 32.3609, 44.0106



49.1513, 27.1116, 35.3065



42.6768, 74.8523, 22.7889



18.3906, 18.1396, 20.6741



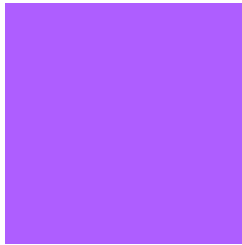
23.6701, 11.9573, 12.1789



2.3598, 1.1863, 1.4762

Previews

White Background



This preview shows how the XYZ color 39.5083, 24.2241, 97.2011 looks on a white background.

Color Contrast Check

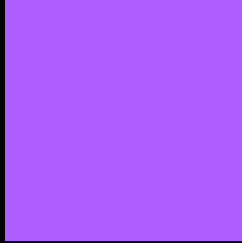
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.5083, 24.2241, 97.2011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

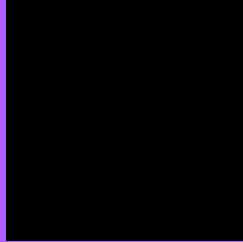
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.5083, 24.2241, 97.2011

Background



This preview shows how black text looks on a background with the XYZ color 39.5083, 24.2241, 97.2011.

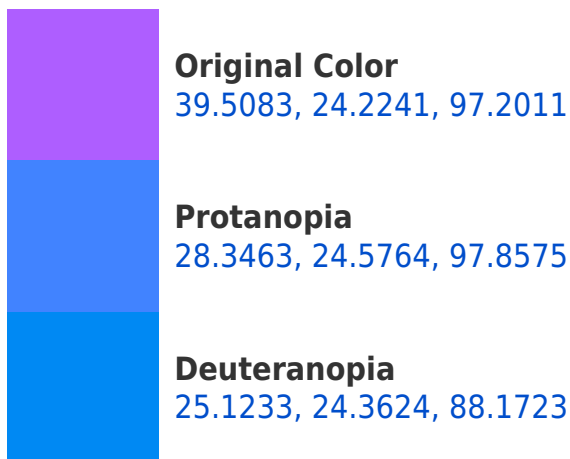


This preview shows how white text looks on a background with the XYZ color 39.5083, 24.2241,

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





Tritanopia

25.2555, 23.9487, 27.3362

Trichromacy



Original Color

39.5083, 24.2241, 97.2011



Protanomaly

30.3541, 23.1801, 97.4821



Deuteranomaly

25.6758, 21.4469, 90.7821



Tritanomaly

29.0831, 23.3006, 46.6807

Monochromacy



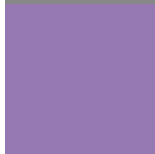
Original Color

39.5083, 24.2241, 97.2011



Achromatopsia

23.4014, 24.6201, 26.8113



Achromatomaly

27.5517, 23.4134, 45.7149

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5083, 24.2241, 97.2011 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(174, 94, 255)` looks like.

```
.text, #text, p{  
    color:rgb(174, 94, 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(174, 94, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 94, 255) }
```

Border

The CSS property to change the border of an element to XYZ 39.5083, 24.2241, 97.2011 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(174, 94, 255) }
```


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

```
.border{ border-color:rgb(174, 94, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 94, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 94, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 94, 255);  
box-shadow:4px 4px 4px 4px rgb(174, 94,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5083, 24.2241, 97.2011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 94, 255) }
```

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

```
.background{ background-color: rgb(174, 94,  
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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