

Converting Colors

XYZ(39.2500, 25.6480, 97.4896)

Have a look what the booklet for
XYZ(39.2500, 25.6480, 97.4896)
contains.

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Color

**XYZ(39.2500, 25.6480,
97.4896)**

Conversions

Conversions Part 1

Format	Color
Hex	A869FF
RGB	168, 105, 255
RGB Percent	66%, 41%, 100%
CMY	0.3412, 0.5882, 0.0000
CMYK	0.34, 0.59, 0.00, 0.00
HSL	265°, 100%, 71%
HSV	265°, 59%, 100%
XYZ	39.2500, 25.6480, 97.4896
YIQ	140.9370, -10.6020, 60.0060

Conversions

Conversions Part 2

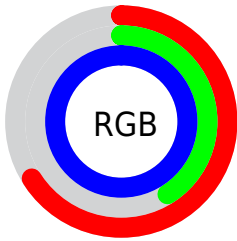
Format	Color
R_{YB}	168, 105, 255
Decimal	11037183
CIE _{Lab}	57.70, 54.66, -65.69
CIE _{LCh}	58, 85.460, 309.761
Yxy	25.6480, 0.2417, 0.1579
Android (android.graphics.Color)	4289227263 (0xFFA869FF)
YUV	140.9370, 56.2331, 23.7343
Hunter-Lab	50.6439, 49.7143, -78.6828

Details

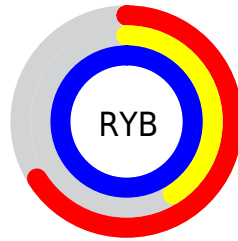
The XYZ color **39.2500, 25.6480, 97.4896** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **60.0478, 83.7463, 26.3650**, and the grayscale version is **25.0835, 26.3898, 28.7385**.

A 20% lighter version of the original color is **62.1267, 48.3472, 100.6652**, and **17.7816, 9.8924, 53.7956** is the 20% darker color. If you saturate the color by 10%, you get **34.0597, 19.6779, 96.6108**, and if you desaturate by 10%, it is **45.5789, 33.3612, 98.6448**.

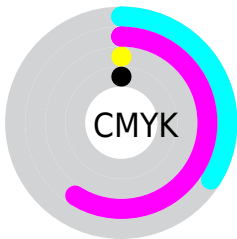
Distribution



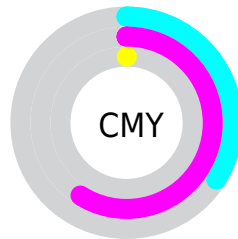
- Red (66%)
- Green (41%)
- Blue (100%)



- Red (66%)
- Yellow (41%)
- Blue (100%)



- Cyan (34%)
- Magenta (59%)
- Yellow (0%)
- Black (0%)



- Cyan (34%)
- Magenta (59%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.2500, 25.6480, 97.4896 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 39.2500, 25.6480, 97.4896 by changing the saturation by 10% instead.

 39.2500, 25.6480,
97.4896

 39.2500, 25.6480,
97.4896


334.1411,
281.0498, 573.2915


 27.1359, 16.5605,
73.6005


 73.3117, 52.7065,
159.7247


 17.8124, 9.9216,
53.9723


 95.9900, 71.4464,
198.9077

 10.9143, 5.3470,
38.1865


 122.9204, 94.1724,
244.0259

 6.0761, 2.4523,
25.8245

 154.4682,
121.2691, 295.4976

 2.9325, 0.8526,
16.4678

190.9988,
153.1207, 353.7415

 1.1182, 0.0000,
9.6979

232.8776,

 0.0402, 0.0000,

190.1118, 419.1761

5.0961

280.4699,
232.6267, 492.2199

■ 0.0000, 0.0000,
2.2440

■ 0.0000, 0.0000,
0.6996

■ 39.2500, 25.6480,
97.4896

■ 39.2500, 25.6480,
97.4896

■ 34.0597, 19.6779,
96.6108

■ 45.5789, 33.3612,
98.6448

■ 29.9209, 15.2981,
95.9836

■ 53.1178, 42.9469,
100.0977

■ 26.7368, 12.3325,
95.5790

■ 61.9351, 54.5249,
101.8678

■ 24.3702, 10.5266,
95.3551

■ 72.0931, 68.2041,
103.9727

■ 24.1259, 10.3522,
95.3343

■ 83.6496, 84.0852,
106.4290

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.



27.8677, 25.6480, 128.3898



39.2500, 25.6480, 97.4896



47.8879, 25.6480, 52.3038

Triad

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



39.2500, 25.6480, 97.4896



31.8364, 25.6480, 1.4030



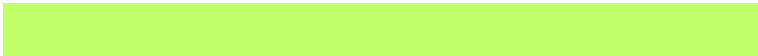
9.6748, 25.6480, 38.6098

Complementary

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



39.2500, 25.6480, 97.4896



60.0478, 83.7463, 26.3650

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.



10.1857, 25.6480, 12.6181



39.2500, 25.6480, 97.4896



21.1919, 25.6480, 1.0708

Square

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



39.2500, 25.6480, 97.4896



42.8442, 25.6480, 5.1678



13.8354, 25.6480, 3.1470



12.1660, 25.6480, 81.6873

Rectangle

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



39.2500, 25.6480, 97.4896



49.8182, 25.6480, 28.1617



13.8354, 25.6480, 3.1470



9.5219, 25.6480, 27.6923

Sweetspot

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



39.2510, 25.6489, 97.4897



72.9902, 69.4260, 104.1613



42.8358, 48.1431, 101.6426



14.9527, 13.9491, 22.1543



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.



39.2510, 25.6489, 97.4897



33.0720, 18.5943, 96.4537



59.8917, 36.2895, 98.4557



17.7260, 17.7505, 22.7419



12.7675, 5.4924, 49.8218



1.3644, 0.5973, 4.8566

Inverse Universe

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



55.8061, 35.1694, 53.7155



51.8177, 29.4038, 45.5690



45.7137, 76.3568, 25.6942



18.4512, 18.1638, 20.9929



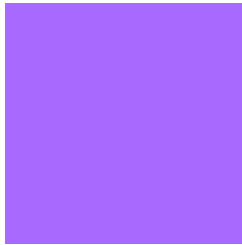
24.4137, 12.2548, 16.0951



2.4317, 1.2150, 1.8545

Previews

White Background



This preview shows how the XYZ color 39.2500, 25.6480, 97.4896 looks on a white background.

Color Contrast Check

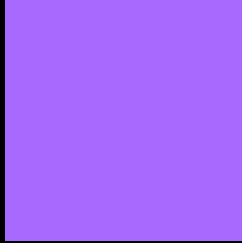
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.2500, 25.6480, 97.4896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

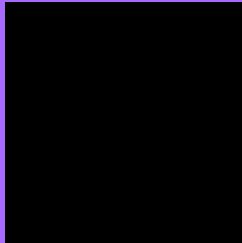
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.2500, 25.6480, 97.4896

Background



This preview shows how black text looks on a background with the XYZ color 39.2500, 25.6480, 97.4896.



This preview shows how white text looks on a background with the XYZ color 39.2500, 25.6480,

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

39.2500, 25.6480, 97.4896

Protanopia

29.6945, 26.0844, 98.0775

Deuteranopia

26.9090, 26.0722, 91.6099



Tritanopia

25.7063, 25.5143, 30.7640

Trichromacy



Original Color

39.2500, 25.6480, 97.4896



Protanomaly

31.5643, 24.8865, 97.7477



Deuteranomaly

28.3678, 24.0898, 93.5971



Tritanomaly

29.3970, 24.8305, 49.6977

Monochromacy



Original Color

39.2500, 25.6480, 97.4896



Achromatopsia

25.3171, 26.6356, 29.0061



Achromatomaly

28.9252, 25.3951, 47.6332

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2500, 25.6480, 97.4896 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(168, 105, 255)` looks like.

```
.text, #text, p{  
    color:rgb(168, 105, 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(168, 105, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 105, 255) }
```

Border

The CSS property to change the border of an element to XYZ 39.2500, 25.6480, 97.4896 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(168, 105, 255) }
```


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

```
.border{ border-color:rgb(168, 105, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 105, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 105, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 105, 255);  
box-shadow:4px 4px 4px 4px rgb(168, 105,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2500, 25.6480, 97.4896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 105, 255) }
```

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

```
.background{ background-color: rgb(168,  
105, 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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