

Converting Colors

XYZ(39.5522, 28.7491, 96.1893)

Have a look what the booklet for
XYZ(39.5522, 28.7491, 96.1893)
contains.

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Color

**XYZ(39.5894, 28.6923,
96.3801)**

Conversions

Conversions Part 1

Format	Color
Hex	A27AFD
RGB	162, 122, 253
RGB Percent	64%, 48%, 99%
CMY	0.3647, 0.5216, 0.0078
CMYK	0.36, 0.52, 0.00, 0.01
HSL	258°, 97%, 74%
HSV	258°, 52%, 99%
XYZ	39.5894, 28.6923, 96.3801
YIQ	148.8940, -18.2110, 49.2210

Conversions

Conversions Part 2

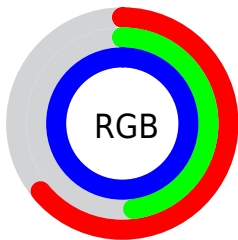
Format	Color
R_{YB}	162, 122, 253
Decimal	10648317
CIE _{Lab}	60.51, 43.63, -60.12
CIE _{LCh}	61, 74.281, 305.968
Yxy	28.6923, 0.2404, 0.1742
Android (android.graphics.Color)	4288838397 (0xFFA27AFD)
YUV	148.8940, 51.3243, 11.4940
Hunter-Lab	53.5652, 38.1881, -69.1851

Details

The XYZ color **39.5894, 28.6923, 96.3801** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **66.0789, 85.8023, 31.4919**, and the grayscale version is **28.3203, 29.7951, 32.4469**.

A 20% lighter version of the original color is **62.8952, 53.0956, 101.5413**, and **18.1069, 11.6235, 53.5138** is the 20% darker color. If you saturate the color by 10%, you get **33.5537, 21.5544, 95.3210**, and if you desaturate by 10%, it is **46.9349, 37.7063, 97.7334**.

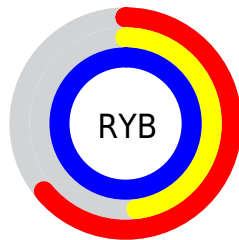
Distribution



Red (64%)

Green (48%)

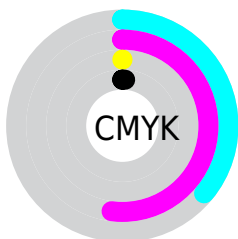
Blue (99%)



Red (64%)

Yellow (48%)

Blue (99%)

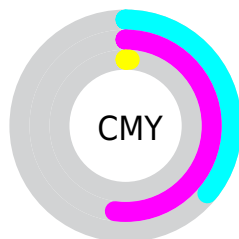


Cyan (36%)

Magenta (52%)

Yellow (0%)

Black (1%)



Cyan (36%)

Magenta (52%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.5894, 28.6923, 96.3801 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 39.5894, 28.6923, 96.3801 by changing the saturation by 10% instead.

39.5894, 28.6923,
96.3801

39.5894, 28.6923,
96.3801

335.5541,
295.7604, 569.6707

27.4013, 18.8482,
72.6809

73.8262, 57.5879,
158.1818

18.0130, 11.5606,
53.2249

96.6056, 77.4081,
197.1215

11.0591, 6.4453,
37.5934

123.6462,
101.3224, 241.9784

6.1742, 3.1177,
25.3679

155.3133,
129.7153, 293.1711

2.9929, 1.1935,
16.1298

191.9723,
162.9712, 351.1182

1.1500, 0.0564,
9.4607

233.9885,

0.0664, 0.0000,

201.4744, 416.2381

4.9420

281.7273,
245.6093, 488.9494

■ 0.0000, 0.0000,
2.1551

■ 0.0000, 0.0000,
0.6483

■ 39.5894, 28.6923,
96.3801

■ 39.5894, 28.6923,
96.3801

■ 33.5537, 21.5544,
95.3210

■ 46.9349, 37.7063,
97.7334

■ 28.7394, 16.1506,
94.5317

■ 55.6632, 48.7178,
99.3988

■ 25.0519, 12.3229,
93.9873

■ 65.8459, 61.8414,
101.3952

■ 22.3786, 9.8812,
93.6569

■ 77.5484, 77.1820,
103.7395

■ 20.8110, 8.6803,
93.5077

■ 90.8319, 94.8374,
106.4472

■ 94.7297, 99.8719,
107.2135

Harmonies

Analogous

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



29.2323, 28.6923, 118.6171



39.5894, 28.6923, 96.3801



47.8015, 28.6923, 58.0401

Triad

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



39.5894, 28.6923, 96.3801



35.4855, 28.6923, 3.5796



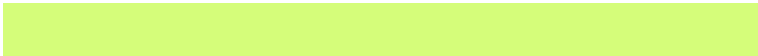
12.7424, 28.6923, 37.0555

Complementary

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



39.5894, 28.6923, 96.3801



66.0789, 85.8023, 31.4919

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.



13.6656, 28.6923, 14.3000



39.5894, 28.6923, 96.3801



25.3998, 28.6923, 2.6602

Square

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



39.5894, 28.6923, 96.3801



45.0700, 28.6923, 9.3655



17.8166, 28.6923, 5.0364



14.9102, 28.6923, 73.6198

Rectangle

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



39.5894, 28.6923, 96.3801



50.0931, 28.6923, 35.1012



17.8166, 28.6923, 5.0364



12.7097, 28.6923, 27.6748

Sweetspot

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



39.5906, 28.6933, 96.3808



73.7182, 71.6899, 104.5599



49.7271, 59.1717, 101.7295



15.2555, 14.6590, 22.2754



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.



39.5906, 28.6933, 96.3808



34.0237, 21.7867, 97.0198



56.3054, 37.3101, 97.1630



17.5246, 17.6466, 22.7324



11.1998, 4.6842, 49.7484



1.1961, 0.5105, 4.8488

Inverse Universe

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



59.4783, 39.6065, 67.4604



56.7341, 34.2824, 62.4811



50.8878, 77.9710, 30.7810



18.5426, 18.2003, 21.4744



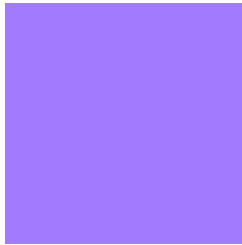
25.7721, 12.7981, 23.2481



2.5581, 1.2656, 2.5204

Previews

White Background



This preview shows how the XYZ color 39.5894, 28.6923, 96.3801 looks on a white background.

Color Contrast Check

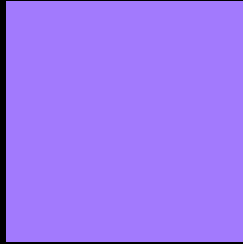
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.5894, 28.6923, 96.3801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

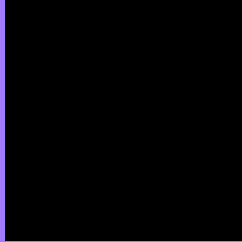
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.5894, 28.6923, 96.3801

Background



This preview shows how black text looks on a background with the XYZ color 39.5894, 28.6923, 96.3801.



This preview shows how white text looks on a background with the XYZ color 39.5894, 28.6923,

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

39.5894, 28.6923, 96.3801

Protanopia

32.3391, 28.9457, 98.4904

Deuteranopia

30.0495, 29.0225, 92.8251



Tritanopia

27.3492, 28.6548, 35.9878

Trichromacy



Original Color

39.5894, 28.6923, 96.3801

Protanomaly

34.1611, 28.4056, 97.4483

Deuteranomaly

32.1695, 28.0823, 94.1674

Tritanomaly

30.8545, 28.0867, 53.6642

Monochromacy



Original Color

39.5894, 28.6923, 96.3801

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

31.5287, 28.9231, 50.9347

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5894, 28.6923, 96.3801 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(162, 122, 253)` looks like.

```
.text, #text, p{  
    color:rgb(162, 122, 253)  
}
```

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(162, 122, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 122, 253) }
```

Border

The CSS property to change the border of an element to XYZ 39.5894, 28.6923, 96.3801 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(162, 122, 253) }
```


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

```
.border{ border-color:rgb(162, 122, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 122, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 122, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 122, 253);  
box-shadow:4px 4px 4px 4px rgb(162, 122,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5894, 28.6923, 96.3801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 122, 253) }
```

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

```
.background{ background-color: rgb(162,  
122, 253) }
```

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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