

Converting Colors

XYZ(44.5688, 29.3786,
126.2179)

Have a look what the booklet for
XYZ(44.5688, 29.3786, 126.2179)
contains.

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Color

**XYZ(39.0810, 27.1628,
97.7909)**

Conversions

Conversions Part 1

Format	Color
Hex	A273FF
RGB	162, 115, 255
RGB Percent	64%, 45%, 100%
CMY	0.3647, 0.5490, 0.0000
CMYK	0.36, 0.55, 0.00, 0.00
HSL	260°, 100%, 73%
HSV	260°, 55%, 100%
XYZ	39.0810, 27.1628, 97.7909
YIQ	145.0130, -16.9280, 53.5040

Conversions

Conversions Part 2

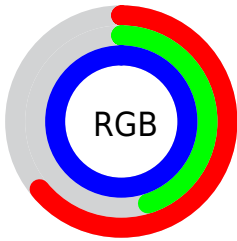
Format	Color
R_{YB}	162, 115, 255
Decimal	10646527
CIE _{Lab}	59.12, 47.99, -63.44
CIE _{LCh}	59, 79.545, 307.106
Yxy	27.1628, 0.2382, 0.1656
Android (android.graphics.Color)	4288836607 (0xFFA273FF)
YUV	145.0130, 54.2236, 14.8976
Hunter-Lab	52.1179, 42.6431, -74.7655

Details

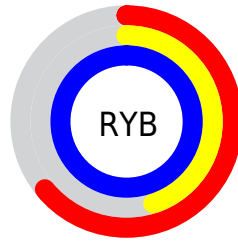
The XYZ color **39.0810, 27.1628, 97.7909** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **64.8664, 86.1674, 29.4334**, and the grayscale version is **26.7116, 28.1027, 30.6038**.

A 20% lighter version of the original color is **61.8714, 50.5974, 101.1130**, and **17.6773, 10.7549, 53.9675** is the 20% darker color. If you saturate the color by 10%, you get **33.3529, 20.4743, 96.8018**, and if you desaturate by 10%, it is **46.0788, 35.7001, 99.0699**.

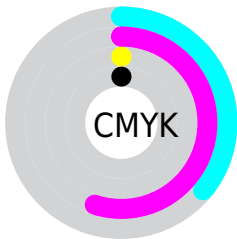
Distribution



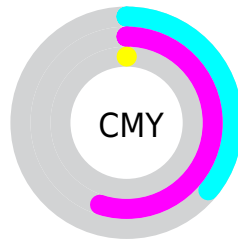
- Red (64%)
- Green (45%)
- Blue (100%)



- Red (64%)
- Yellow (45%)
- Blue (100%)



- Cyan (36%)
- Magenta (55%)
- Yellow (0%)
- Black (0%)



- Cyan (36%)
- Magenta (55%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.0810, 27.1628, 97.7909 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 39.0810, 27.1628, 97.7909 by changing the saturation by 10% instead.

■ 39.0810, 27.1628,
97.7909

■ 39.0810, 27.1628,
97.7909

333.4360,
288.4445, 574.2727

■ 27.0038, 17.6955,
73.8503

■ 73.0553, 55.1450,
160.1433

■ 17.7126, 10.7316,
54.1755

■ 95.6831, 74.4287,
199.3923

■ 10.8423, 5.8867,
38.3479

■ 122.5584, 97.7534,
244.5812

■ 6.0274, 2.7763,
25.9489

154.0467,
125.5034, 296.1285

■ 2.9026, 1.0161,
16.5600

190.5132,
158.0631, 354.4527

■ 1.1025, 0.0000,
9.7626

232.3234,

■ 0.0272, 0.0000,

195.8169, 419.9725

5.1383

279.8425,
239.1492, 493.1063

■ 0.0000, 0.0000,
2.2685

■ 0.0000, 0.0000,
0.7135

■ 39.0810, 27.1628,
97.7909

■ 39.0810, 27.1628,
97.7909

■ 33.3529, 20.4743,
96.8018

■ 46.0788, 35.7001,
99.0699

■ 28.8046, 15.4860,
96.0787

■ 54.4207, 46.2130,
100.6595

■ 25.3385, 12.0302,
95.5943

■ 64.1790, 58.8202,
102.5786

■ 22.8356, 9.9008,
95.3152

■ 75.4192, 73.6299,
104.8447

■ 21.8521, 9.1801,
95.2279

■ 88.2031, 90.7427,
107.4740

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.



28.2434, 27.1628, 123.2918



39.0810, 27.1628, 97.7909



47.6106, 27.1628, 56.2410

Triad

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



39.0810, 27.1628, 97.7909



33.9489, 27.1628, 2.4219



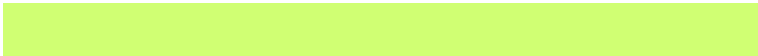
11.1657, 27.1628, 36.8417

Complementary

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



39.0810, 27.1628, 97.7909



64.8664, 86.1674, 29.4334

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.



11.9572, 27.1628, 13.0390



39.0810, 27.1628, 97.7909



23.5345, 27.1628, 1.7624

Square

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



39.0810, 27.1628, 97.7909



44.1580, 27.1628, 7.3777



15.9561, 27.1628, 3.9284



13.4223, 27.1628, 76.1328

Rectangle

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



39.0810, 27.1628, 97.7909



49.8625, 27.1628, 32.4126



15.9561, 27.1628, 3.9284



11.0961, 27.1628, 26.9093

Sweetspot

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



39.0821, 27.1637, 97.7910



74.1098, 71.8917, 104.5782



47.7579, 56.1397, 102.9267



15.3481, 14.7067, 22.2797



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.



39.0821, 27.1637, 97.7910



32.7970, 19.8458, 96.7098



57.3517, 36.5820, 98.6460



17.5777, 17.6740, 22.7349



11.5595, 4.8696, 49.7653



1.2362, 0.5312, 4.8506

Inverse Universe

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



58.7559, 38.0759, 63.9257



54.8743, 32.1281, 57.0356



49.3914, 78.1897, 28.7092



18.5182, 18.1906, 21.3461



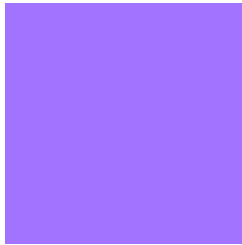
25.3822, 12.6422, 21.1950



2.5223, 1.2513, 2.3318

Previews

White Background



This preview shows how the XYZ color 39.0810, 27.1628, 97.7909 looks on a white background.

Color Contrast Check

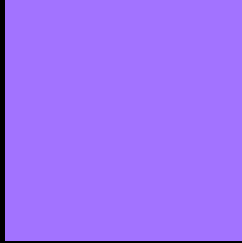
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.0810, 27.1628, 97.7909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

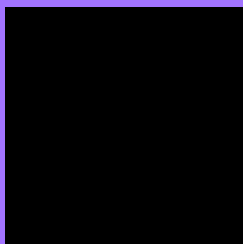
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.0810, 27.1628, 97.7909

Background



This preview shows how black text looks on a background with the XYZ color 39.0810, 27.1628, 97.7909.

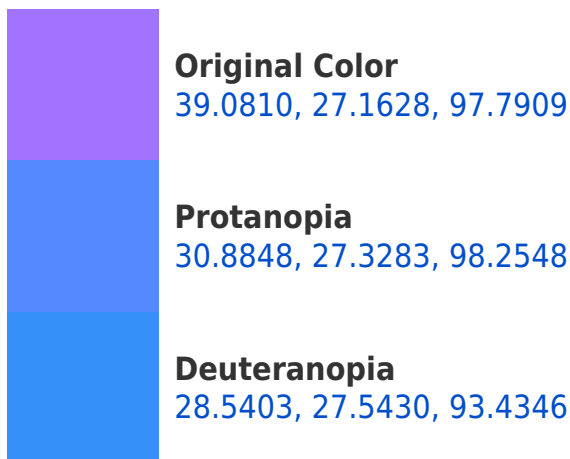


This preview shows how white text looks on a background with the XYZ color 39.0810, 27.1628,

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

26.0899, 26.9251, 33.9590

Trichromacy



Original Color

39.0810, 27.1628, 97.7909

Protanomaly

32.8427, 26.6960, 98.0296

Deuteranomaly

30.3143, 26.0672, 94.7005

Tritanomaly

29.7583, 26.5161, 52.2649

Monochromacy



Original Color

39.0810, 27.1628, 97.7909

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

30.0446, 27.1323, 49.5525

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0810, 27.1628, 97.7909 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, 115, 255)` looks like.

```
.text, #text, p{  
    color:rgb(162, 115, 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(162, 115, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 115, 255) }
```

Border

The CSS property to change the border of an element to XYZ 39.0810, 27.1628, 97.7909 is called "border". The border property can be set on classes, ids or directly on the HTML element.

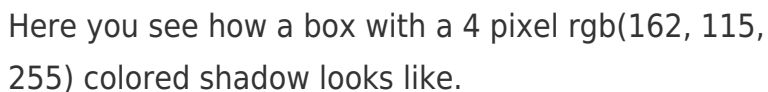
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(162, 115, 255) }
```


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

```
.border{ border-color:rgb(162, 115, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(162, 115, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(162, 115, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(162, 115, 255); box-shadow:4px 4px 4px 4px rgb(162, 115, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0810, 27.1628, 97.7909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 115, 255) }
```

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

```
.background{ background-color: rgb(162,  
115, 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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