

Converting Colors

XYZ(39.7935, 28.5761, 98.0608)

Have a look what the booklet for
XYZ(39.7935, 28.5761, 98.0608)
contains.

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Color

**XYZ(39.7877, 28.5761,
98.0264)**

Conversions

Conversions Part 1

Format	Color
Hex	A279FF
RGB	162, 121, 255
RGB Percent	64%, 47%, 100%
CMY	0.3647, 0.5255, 0.0000
CMYK	0.36, 0.53, 0.00, 0.00
HSL	258°, 100%, 74%
HSV	258°, 53%, 100%
XYZ	39.7877, 28.5761, 98.0264
YIQ	148.5350, -18.5780, 50.3660

Conversions

Conversions Part 2

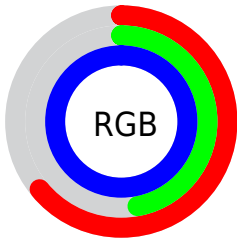
Format	Color
R_{YB}	162, 121, 255
Decimal	10648063
CIE _{Lab}	60.41, 44.70, -61.38
CIE _{LCh}	60, 75.933, 306.059
Yxy	28.5761, 0.2391, 0.1717
Android (android.graphics.Color)	4288838143 (0xFFA279FF)
YUV	148.5350, 52.4872, 11.8088
Hunter-Lab	53.4566, 39.3083, -71.3038

Details

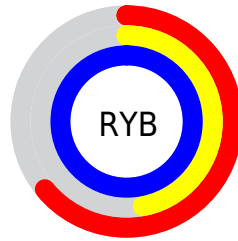
The XYZ color **39.7877, 28.5761, 98.0264** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **66.9421, 87.1963, 31.3921**, and the grayscale version is **28.1657, 29.6325, 32.2698**.

A 20% lighter version of the original color is **63.0048, 52.8643, 101.4908**, and **18.1570, 11.5410, 54.0940** is the 20% darker color. If you saturate the color by 10%, you get **33.7429, 21.4522, 96.9700**, and if you desaturate by 10%, it is **47.1594, 37.6004, 99.3798**.

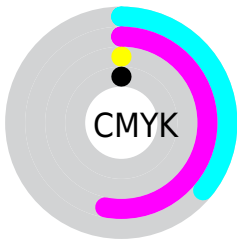
Distribution



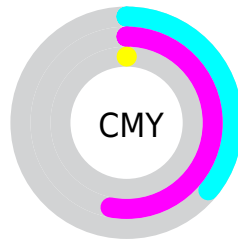
- Red (64%)
- Green (47%)
- Blue (100%)



- Red (64%)
- Yellow (47%)
- Blue (100%)



- Cyan (36%)
- Magenta (53%)
- Yellow (0%)
- Black (0%)




- Cyan (36%)
- Magenta (53%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.7877, 28.5761, 98.0264 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 39.7877, 28.5761, 98.0264 by changing the saturation by 10% instead.


 39.7877, 28.5761,
98.0264


 39.7877, 28.5761,
98.0264


336.3777,
295.2096, 575.0389

 27.5565, 18.7604,
74.0457


 74.1265, 57.4029,
160.4705

 18.1304, 11.4973,
54.3344


 96.9649, 77.1828,
199.7709

 11.1439, 6.4024,
38.4741


 124.0697,
101.0528, 245.0150

 6.2317, 3.0912,
26.0462

155.8063,
129.3975, 296.6213

 3.0285, 1.1796,
16.6321

192.5400,
162.6011, 355.0082

 1.1688, 0.0449,
9.8134

234.6363,

 0.0816, 0.0000,

201.0480, 420.5945

5.1714

282.4604,
245.1227, 493.7985

■ 0.0000, 0.0000,
2.2877

■ 0.0000, 0.0000,
0.7243

■ 39.7877, 28.5761,
98.0264

■ 39.7877, 28.5761,
98.0264

■ 33.7429, 21.4522,
96.9700

■ 47.1594, 37.6004,
99.3798

■ 28.9347, 16.0827,
96.1870

■ 55.9334, 48.6500,
101.0501

■ 25.2655, 12.3047,
95.6511

■ 66.1830, 61.8425,
103.0563

■ 22.6186, 9.9209,
95.3305

■ 77.9750, 77.2853,
105.4156

■ 21.1942, 8.8409,
95.1971

■ 91.3722, 95.0786,
108.1439

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.



29.1924, 28.5761, 121.1452



39.7877, 28.5761, 98.0264



48.2037, 28.5761, 58.4530

Triad

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



39.7877, 28.5761, 98.0264



35.5198, 28.5761, 3.2965



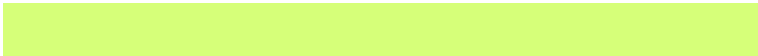
12.4348, 28.5761, 37.1463

Complementary

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



39.7877, 28.5761, 98.0264



66.9421, 87.1963, 31.3921

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.



13.3543, 28.5761, 13.9899



39.7877, 28.5761, 98.0264



25.2256, 28.5761, 2.4192

Square

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



39.7877, 28.5761, 98.0264



45.3549, 28.5761, 8.9744



17.5353, 28.5761, 4.7386



14.6282, 28.5761, 74.7452

Rectangle

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



39.7877, 28.5761, 98.0264



50.5448, 28.5761, 34.9607



17.5353, 28.5761, 4.7386



12.3989, 28.5761, 27.5613

Sweetspot

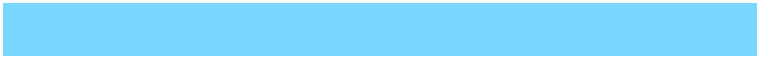
The Sweet Spot groups the original color and five complimentary colors.



39.7888, 28.5771, 98.0266



73.7263, 71.6941, 104.5603



50.1851, 59.7845, 103.5023



15.2574, 14.6600, 22.2755



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.



39.7888, 28.5771, 98.0266



33.4997, 21.1729, 96.9289



56.9461, 37.4220, 98.8295



17.5257, 17.6472, 22.7325



11.2069, 4.6878, 49.7488



1.1969, 0.5109, 4.8488

Inverse Universe

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



60.2149, 39.7901, 68.1233



56.3953, 33.7764, 61.8392



51.3882, 79.1779, 30.6642



18.5421, 18.2001, 21.4717



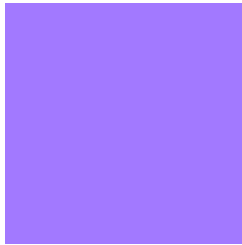
25.7637, 12.7948, 23.2039



2.5573, 1.2653, 2.5163

Previews

White Background



This preview shows how the XYZ color 39.7877, 28.5761, 98.0264 looks on a white background.

Color Contrast Check

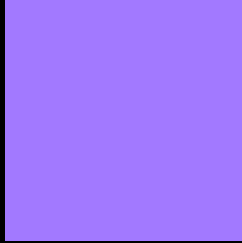
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.7877, 28.5761, 98.0264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

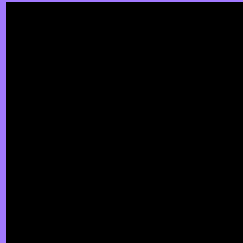
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.7877, 28.5761, 98.0264

Background



This preview shows how black text looks on a background with the XYZ color 39.7877, 28.5761, 98.0264.



This preview shows how white text looks on a background with the XYZ color 39.7877, 28.5761,

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

39.7877, 28.5761, 98.0264

Protanopia

32.2372, 28.8932, 98.4856

Deuteranopia

29.8473, 28.9003, 93.6277



Tritanopia

27.1957, 28.3478, 35.9366

Trichromacy



Original Color

39.7877, 28.5761, 98.0264



Protanomaly

34.0463, 28.1217, 98.2413



Deuteranomaly

31.9806, 27.9668, 94.9794



Tritanomaly

30.8242, 27.8481, 54.2027

Monochromacy



Original Color

39.7877, 28.5761, 98.0264



Achromatopsia

28.5667, 30.0544, 32.7292



Achromatomaly

31.6361, 28.9661, 51.5006

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.7877, 28.5761, 98.0264 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, 121, 255)` looks like.

```
.text, #text, p{  
    color:rgb(162, 121, 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, 121, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 121, 255) }
```

Border

The CSS property to change the border of an element to XYZ 39.7877, 28.5761, 98.0264 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, 121, 255) }
```


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

```
.border{ border-color:rgb(162, 121, 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, 121, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 121, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 121, 255);  
box-shadow:4px 4px 4px 4px rgb(162, 121,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7877, 28.5761, 98.0264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 121, 255) }
```

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

```
.background{ background-color: rgb(162,  
121, 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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