

Converting Colors

XYZ(39.0219, 26.8368, 99.6692)

Have a look what the booklet for
XYZ(39.0219, 26.8368, 99.6692)
contains.

XYZ(38.6531, 26.6073, 97.7062)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(38.6531, 26.6073,
97.7062)**

Conversions

Conversions Part 1

Format	Color
Hex	A171FF
RGB	161, 113, 255
RGB Percent	63%, 44%, 100%
CMY	0.3686, 0.5569, 0.0000
CMYK	0.37, 0.56, 0.00, 0.00
HSL	260°, 100%, 72%
HSV	260°, 56%, 100%
XYZ	38.6531, 26.6073, 97.7062
YIQ	143.5400, -16.9740, 54.3380

Conversions

Conversions Part 2

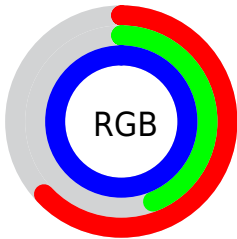
Format	Color
R _Y B	161, 113, 255
Decimal	10580479
CIE Lab	58.61, 48.85, -64.27
CIE LCh	59, 80.729, 307.237
Yxy	26.6073, 0.2372, 0.1633
Android (android.graphics.Color)	4288770559 (0xFFA171FF)
YUV	143.5400, 54.9498, 15.3124
Hunter-Lab	51.5823, 43.4898, -76.1985

Details

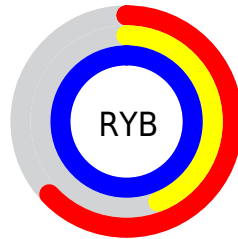
The XYZ color **38.6531, 26.6073, 97.7062** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **64.4721, 85.9773, 28.8206**, and the grayscale version is **26.1170, 27.4771, 29.9226**.

A 20% lighter version of the original color is **61.2014, 49.7081, 100.9767**, and **17.4491, 10.4698, 53.9245** is the 20% darker color. If you saturate the color by 10%, you get **33.0224, 20.0585, 96.7389**, and if you desaturate by 10%, it is **45.5442, 34.9926, 98.9615**.

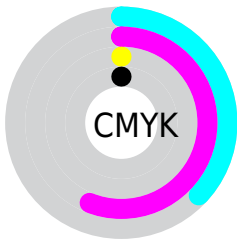
Distribution



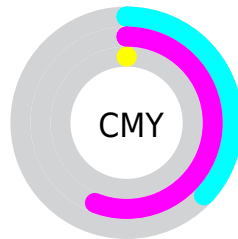
- Red (63%)
- Green (44%)
- Blue (100%)



- Red (63%)
- Yellow (44%)
- Blue (100%)



- Cyan (37%)
- Magenta (56%)
- Yellow (0%)
- Black (0%)





- Cyan (37%)
- Magenta (56%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.6531, 26.6073, 97.7062 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 38.6531, 26.6073, 97.7062 by changing the saturation by 10% instead.


 38.6531, 26.6073,
97.7062


 38.6531, 26.6073,
97.7062

331.6460,
285.7507, 573.9969

 26.6695, 17.2785,
73.7801

 72.4055, 54.2531,
160.0257


 17.4604, 10.4333,
54.1184


 94.9051, 73.3388,
199.2561

 10.6607, 5.6872,
38.3025


 121.6406, 96.4457,
244.4251

 5.9047, 2.6558,
25.9139

 152.9775,
123.9581, 295.9512

 2.8273, 0.9548,
16.5340

189.2812,
156.2604, 354.2528

 1.0631, 0.0000,
9.7444

230.9169,

 0.0000, 0.0000,

193.7370, 419.7487

5.1264

278.2500,
236.7723, 492.8572

■ 0.0000, 0.0000,
2.2616

■ 0.0000, 0.0000,
0.7096

■ 38.6531, 26.6073,
97.7062

■ 38.6531, 26.6073,
97.7062

■ 33.0224, 20.0585,
96.7389

■ 45.5442, 34.9926,
98.9615

■ 28.5617, 15.1963,
96.0356

■ 53.7705, 45.3422,
100.5257

■ 25.1721, 11.8508,
95.5685

■ 63.4045, 57.7756,
102.4178

■ 22.7332, 9.8120,
95.3035

■ 74.5121, 72.4015,
104.6554

■ 21.9065, 9.2081,
95.2305

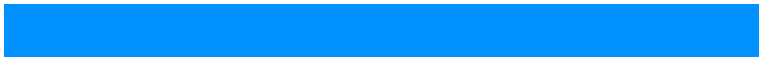
■ 87.1550, 89.3211,
107.2549

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.



27.7652, 26.6073, 123.7590



38.6531, 26.6073, 97.7062



47.2301, 26.6073, 55.6149

Triad

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



38.6531, 26.6073, 97.7062



33.3975, 26.6073, 2.1665



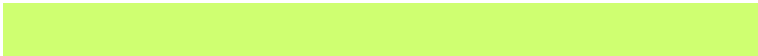
10.7104, 26.6073, 36.3991

Complementary

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



38.6531, 26.6073, 97.7062



64.4721, 85.9773, 28.8206

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.



11.4791, 26.6073, 12.5762



38.6531, 26.6073, 97.7062



22.9654, 26.6073, 1.5576

Square

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



38.6531, 26.6073, 97.7062



43.6844, 26.6073, 6.9129



15.4269, 26.6073, 3.6292



12.9552, 26.6073, 76.0963

Rectangle

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



38.6531, 26.6073, 97.7062



49.4810, 26.6073, 31.6808



15.4269, 26.6073, 3.6292



10.6375, 26.6073, 26.4200

Sweetspot

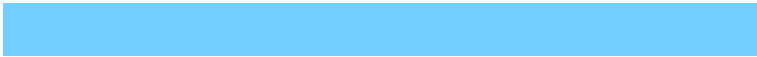
The Sweet Spot groups the original color and five complimentary colors.



38.6542, 26.6082, 97.7063



72.9657, 70.3502, 104.3410



47.3351, 55.6805, 102.8603



15.1227, 14.4030, 22.2330



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.



38.6542, 26.6082, 97.7063



32.3712, 19.3264, 96.6320



57.0181, 36.0752, 98.5658



17.5817, 17.6761, 22.7351



11.5885, 4.8846, 49.7666



1.2394, 0.5328, 4.8508

Inverse Universe

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



58.4075, 37.5755, 63.2042



54.5280, 31.6664, 56.2083



49.0030, 78.0027, 28.0966



18.5164, 18.1899, 21.3363



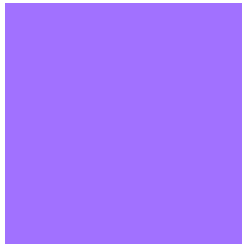
25.3534, 12.6306, 21.0432



2.5196, 1.2502, 2.3178

Previews

White Background



This preview shows how the XYZ color 38.6531, 26.6073, 97.7062 looks on a white background.

Color Contrast Check

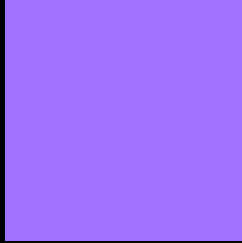
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.6531, 26.6073, 97.7062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

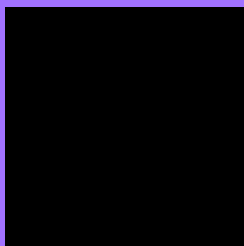
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 38.6531, 26.6073, 97.7062

Background



This preview shows how black text looks on a background with the XYZ color 38.6531, 26.6073, 97.7062.

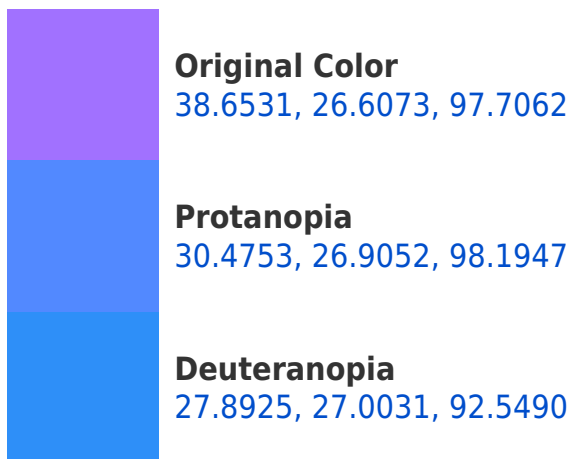


This preview shows how white text looks on a background with the XYZ color 38.6531, 26.6073,

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

25.6115, 26.4795, 33.0393

Trichromacy



Original Color

38.6531, 26.6073, 97.7062

Protanomaly

32.3247, 26.0379, 97.9299

Deuteranomaly

29.6884, 25.5423, 94.6322

Tritanomaly

29.2006, 25.8424, 51.5932

Monochromacy



Original Color

38.6531, 26.6073, 97.7062

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

29.6169, 26.7198, 48.9439

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.6531, 26.6073, 97.7062 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(161, 113, 255)` looks like.

```
.text, #text, p{  
    color:rgb(161, 113, 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(161, 113, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 113, 255) }
```

Border

The CSS property to change the border of an element to XYZ 38.6531, 26.6073, 97.7062 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(161, 113, 255) }
```


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

```
.border{ border-color:rgb(161, 113, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 113, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 113, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 113, 255);  
box-shadow:4px 4px 4px 4px rgb(161, 113,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 38.6531, 26.6073, 97.7062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 113, 255) }
```

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

```
.background{ background-color: rgb(161,  
113, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor