

Converting Colors

XYZ(55.7306, 34.1672,
172.9774)

Have a look what the booklet for
XYZ(55.7306, 34.1672, 172.9774)
contains.

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Color

**XYZ(41.4143, 28.3657,
97.9001)**

Conversions

Conversions Part 1

Format	Color
Hex	AD73FF
RGB	173, 115, 255
RGB Percent	68%, 45%, 100%
CMY	0.3216, 0.5490, 0.0000
CMYK	0.32, 0.55, 0.00, 0.00
HSL	265°, 100%, 73%
HSV	265°, 55%, 100%
XYZ	41.4143, 28.3657, 97.9001
YIQ	148.3020, -10.3720, 55.8360

Conversions

Conversions Part 2

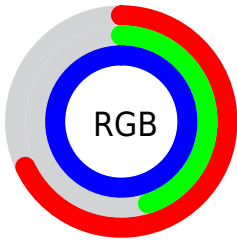
Format	Color
RYB	173, 115, 255
Decimal	11367423
CIELab	60.22, 50.53, -61.63
CIElCh	60, 79.696, 309.353
Yxy	28.3657, 0.2470, 0.1692
Android (android.graphics.Color)	4289557503 (0xFFAD73FF)
YUV	148.3020, 52.6021, 21.6601
Hunter-Lab	53.2595, 45.5967, -71.7037

Details

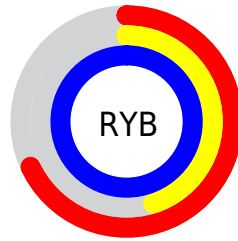
The XYZ color **41.4143, 28.3657, 97.9001** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **61.8803, 84.6280, 29.2938**, and the grayscale version is **28.0657, 29.5273, 32.1552**.

A 20% lighter version of the original color is **65.5167, 52.7517, 101.3367**, and **19.1139, 11.4110, 54.0185** is the 20% darker color. If you saturate the color by 10%, you get **35.7783, 21.7247, 96.9153**, and if you desaturate by 10%, it is **48.2257, 36.8070, 99.1704**.

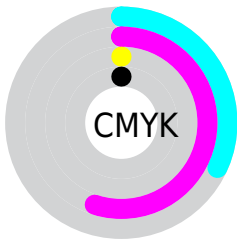
Distribution



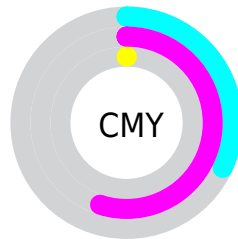
- Red (68%)
- Green (45%)
- Blue (100%)



- Red (68%)
- Yellow (45%)
- Blue (100%)



- Cyan (32%)
- Magenta (55%)
- Yellow (0%)
- Black (0%)





- Cyan (32%)
- Magenta (55%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.4143, 28.3657, 97.9001 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 41.4143, 28.3657, 97.9001 by changing the saturation by 10% instead.


 41.4143, 28.3657,
97.9001

 41.4143, 28.3657,
97.9001


343.0823,
294.2103, 574.6281


 28.8321, 18.6015,
73.9409

 76.5832, 57.0678,
160.2951

 19.0974, 11.3827,
54.2492


 99.9005, 76.7744,
199.5679

 11.8451, 6.3249,
38.4064


 127.5269,
100.5641, 244.7824

 6.7098, 3.0436,
25.9940

159.8277,
128.8210, 296.3570

 3.3260, 1.1545,
16.5934

197.1683,
161.9297, 354.7103

 1.3284, 0.0241,
9.7861

239.9140,

 0.2043, 0.0000,

200.2746, 420.2609

5.1536

288.4302,
244.2400, 493.4273

■ 0.0000, 0.0000,
2.2774

■ 0.0000, 0.0000,
0.7185

■ 41.4143, 28.3657,
97.9001

■ 41.4143, 28.3657,
97.9001

■ 35.7783, 21.7247,
96.9153

■ 48.2257, 36.8070,
99.1704

■ 31.2343, 16.7386,
96.1924

■ 56.2810, 47.1722,
100.7466

■ 27.6911, 13.2431,
95.7044

■ 65.6471, 59.5773,
102.6473

■ 25.0378, 11.0360,
95.4183

■ 76.3846, 74.1278,
104.8899

■ 23.9520, 10.2626,
95.3262

■ 88.5500, 90.9219,
107.4903

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.



30.2768, 28.3657, 126.1301



41.4143, 28.3657, 97.9001



49.8050, 28.3657, 55.2395

Triad

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



41.4143, 28.3657, 97.9001



34.4882, 28.3657, 2.4984



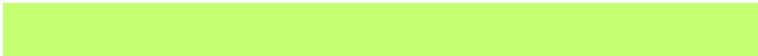
11.8648, 28.3657, 40.9471

Complementary

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



41.4143, 28.3657, 97.9001



61.8803, 84.6280, 29.2938

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.



12.4526, 28.3657, 15.0061



41.4143, 28.3657, 97.9001



23.8962, 28.3657, 2.0003

Square

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



41.4143, 28.3657, 97.9001



45.1570, 28.3657, 7.1997



16.3348, 28.3657, 4.6253



14.4566, 28.3657, 81.9763

Rectangle

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



41.4143, 28.3657, 97.9001



51.7247, 28.3657, 31.5247



16.3348, 28.3657, 4.6253



11.7153, 28.3657, 30.2549

Sweetspot

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



41.4154, 28.3667, 97.9002



75.1356, 72.4206, 104.6262



45.5442, 51.7123, 102.1888



15.5913, 14.8321, 22.2911



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.



41.4154, 28.3667, 97.9002



35.2270, 21.0985, 96.8235



60.4567, 38.1829, 98.7913



17.7159, 17.7453, 22.7414



12.6755, 5.4450, 49.8175



1.3549, 0.5924, 4.8562

Inverse Universe

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



57.4489, 37.5532, 57.0433



53.4098, 31.5422, 49.3235



47.9083, 77.4252, 28.6399



18.4557, 18.1656, 21.0167



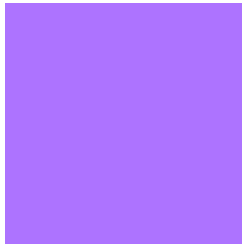
24.4743, 12.2790, 16.4138



2.4374, 1.2173, 1.8847

Previews

White Background



This preview shows how the XYZ color 41.4143, 28.3657, 97.9001 looks on a white background.

Color Contrast Check

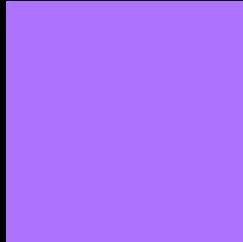
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.4143, 28.3657, 97.9001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

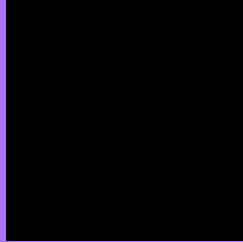
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 41.4143, 28.3657, 97.9001

Background



This preview shows how black text looks on a background with the XYZ color 41.4143, 28.3657, 97.9001.

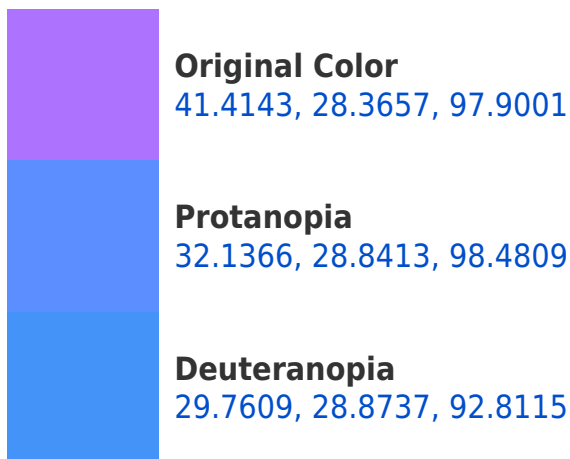


This preview shows how white text looks on a background with the XYZ color 41.4143, 28.3657,

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

28.4115, 28.1220, 34.0676

Trichromacy



Original Color

41.4143, 28.3657, 97.9001



Protanomaly

34.1864, 27.7875, 98.1694



Deuteranomaly

32.0204, 27.3572, 94.8596



Tritanomaly

32.0427, 27.6938, 52.3718

Monochromacy



Original Color

41.4143, 28.3657, 97.9001



Achromatopsia

28.1479, 29.6138, 32.2495



Achromatomaly

31.6784, 28.3643, 50.8189

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4143, 28.3657, 97.9001 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(173, 115, 255)` looks like.

```
.text, #text, p{  
    color:rgb(173, 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(173, 115, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 115, 255) }
```

Border

The CSS property to change the border of an element to XYZ 41.4143, 28.3657, 97.9001 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(173, 115, 255) }
```


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

```
.border{ border-color:rgb(173, 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(173, 115, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 115, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 115, 255);  
box-shadow:4px 4px 4px 4px rgb(173, 115,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4143, 28.3657, 97.9001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 115, 255) }
```

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

```
.background{ background-color: rgb(173,  
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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