

Converting Colors

XYZ(56.2905, 38.9822, 99.1652)

Have a look what the booklet for
XYZ(56.2905, 38.9822, 99.1652)
contains.

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Color

**XYZ(56.2905, 38.9822,
99.1652)**

Conversions

Conversions Part 1

Format	Color
Hex	DE83FF
RGB	222, 131, 255
RGB Percent	87%, 51%, 100%
CMY	0.1294, 0.4863, 0.0000
CMYK	0.13, 0.49, 0.00, 0.00
HSL	284°, 100%, 76%
HSV	284°, 49%, 100%
XYZ	56.2905, 38.9822, 99.1652
YIQ	172.3450, 14.4320, 57.8560

Conversions

Conversions Part 2

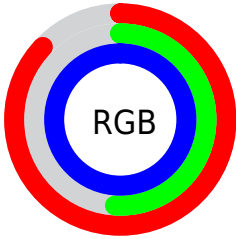
Format	Color
R _Y B	222, 131, 255
Decimal	14582783
CIE Lab	68.74, 54.64, -47.76
CIE LCh	69, 72.572, 318.841
Yxy	38.9822, 0.2895, 0.2005
Android (android.graphics.Color)	4292772863 (0xFFDE83FF)
YUV	172.3450, 40.7489, 43.5474
Hunter-Lab	62.4357, 51.6686, -50.4639

Details

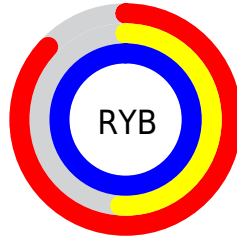
The XYZ color **56.2905, 38.9822, 99.1652** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **55.1674, 81.0516, 34.2112**, and the grayscale version is **39.1835, 41.2241, 44.8931**.

A 20% lighter version of the original color is **76.8489, 63.5978, 102.8330**, and **28.2273, 17.4185, 55.3004** is the 20% darker color. If you saturate the color by 10%, you get **51.2410, 31.9061, 98.0655**, and if you desaturate by 10%, it is **62.2689, 47.7899, 100.5502**.

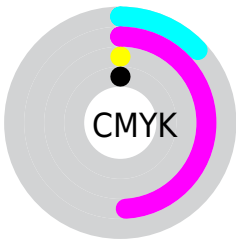
Distribution



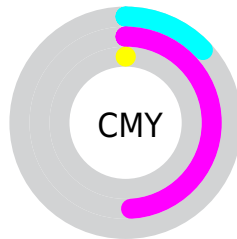
- Red (87%)
- Green (51%)
- Blue (100%)



- Red (87%)
- Yellow (51%)
- Blue (100%)



- Cyan (13%)
- Magenta (49%)
- Yellow (0%)
- Black (0%)





- Cyan (13%)
- Magenta (49%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.2905, 38.9822, 99.1652 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 56.2905, 38.9822, 99.1652 by changing the saturation by 10% instead.


 56.2905, 38.9822,
99.1652

 56.2905, 38.9822,
99.1652

400.8427,
341.8148, 578.7367

 40.6738, 26.7459,
74.9905

 98.5665, 73.6111,
162.0514

 28.2508, 17.3825,
55.1035

 125.9566, 96.7725,
201.6000

 18.6562, 10.5076,
39.0854


 158.0018,
124.3444, 247.1103

 11.5247, 5.7368,
26.5178

195.0675,
156.7111, 299.0009

 6.4908, 2.6857,
16.9822

237.5191,
194.2572, 357.6903

 3.1892, 0.9699,
10.0600

285.7219,

 1.2546, 0.0000,

237.3669, 423.5970

5.3326

340.0413,
286.4246, 497.1396

■ 0.1488, 0.0000,
2.3816

■ 0.0000, 0.0000,
0.7764

■ 56.2905, 38.9822,
99.1652

■ 56.2905, 38.9822,
99.1652

■ 51.2410, 31.9061,
98.0655

■ 62.2689, 47.7899,
100.5502

■ 47.0525, 26.4303,
97.2294

■ 69.2298, 58.4379,
102.2386

■ 43.6537, 22.4125,
96.6330

■ 77.2271, 71.0316,
104.2479

■ 40.9585, 19.6822,
96.2480

■ 86.3094, 85.6671,
106.5941

■ 38.8448, 17.9966, 95.0500, 100.0000,
96.0341 108.9000

■ 38.5776, 17.8024,
96.0107

Harmonies

Analogous

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



44.6512, 38.9822, 134.8574



56.2905, 38.9822, 99.1652



63.2173, 38.9822, 55.9002

Triad

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



56.2905, 38.9822, 99.1652



41.4920, 38.9822, 5.7191



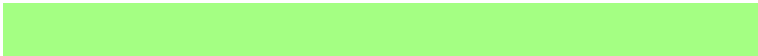
19.8337, 38.9822, 66.3234

Complementary

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



56.2905, 38.9822, 99.1652



55.1674, 81.0516, 34.2112

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.



19.3330, 38.9822, 31.3432



56.2905, 38.9822, 99.1652



30.3669, 38.9822, 6.3152

Square

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



56.2905, 38.9822, 99.1652



53.5704, 38.9822, 10.4135



22.7870, 38.9822, 12.9428



24.3340, 38.9822, 110.0946

Rectangle

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



56.2905, 38.9822, 99.1652



63.4391, 38.9822, 33.4469



22.7870, 38.9822, 12.9428



19.2327, 38.9822, 52.9274

Sweetspot

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



56.2918, 38.9838, 99.1655



80.3922, 76.0972, 105.0588



40.6988, 38.6216, 99.9174



16.8096, 15.6505, 22.3848



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.



56.2918, 38.9838, 99.1655



51.5310, 32.3005, 98.1264



63.0937, 42.9885, 76.9725



18.2934, 18.0430, 22.7684



20.3066, 9.3789, 50.1746



2.0807, 0.9666, 4.8902

Inverse Universe

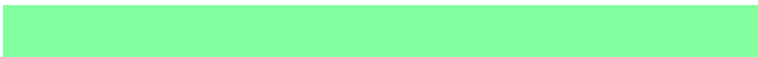
The Inverse Universe completely reimagines the original color for something new.



56.0580, 40.1742, 39.9229



51.7322, 33.8859, 31.1958



51.4604, 78.8815, 45.7421



18.2078, 18.0664, 19.7117



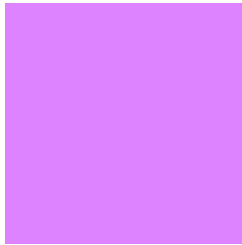
22.1440, 11.3469, 4.1430



2.1990, 1.1220, 0.6295

Previews

White Background



This preview shows how the XYZ color 56.2905, 38.9822, 99.1652 looks on a white background.

Color Contrast Check

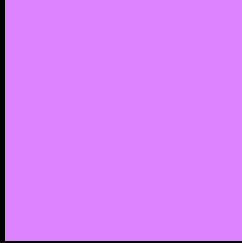
Large Text (above 18pt) WCAG AA × Fail

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 56.2905, 38.9822, 99.1652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

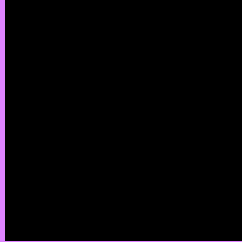
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.2905, 38.9822, 99.1652

Background



This preview shows how black text looks on a background with the XYZ color 56.2905, 38.9822, 99.1652.



This preview shows how white text looks on a background with the XYZ color 56.2905, 38.9822,

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

56.2905, 38.9822, 99.1652

Protanopia

41.4968, 39.2812, 100.0026

Deuteranopia

40.4349, 39.4013, 94.2810



Tritanopia

44.3866, 39.0181, 40.3138

Trichromacy



Original Color

56.2905, 38.9822, 99.1652



Protanomaly

45.3776, 38.2180, 99.5929



Deuteranomaly

44.4852, 38.0756, 96.2715

Tritanomaly

47.9350, 38.5782, 57.7432

Monochromacy



Original Color

56.2905, 38.9822, 99.1652



Achromatopsia

39.2122, 41.2543, 44.9259



Achromatomaly

43.9528, 39.3254, 61.1511

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2905, 38.9822, 99.1652 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(222, 131, 255)` looks like.

```
.text, #text, p{  
    color:rgb(222, 131, 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(222, 131, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 131, 255) }
```

Border

The CSS property to change the border of an element to XYZ 56.2905, 38.9822, 99.1652 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(222, 131, 255) }
```


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

```
.border{ border-color:rgb(222, 131, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 131, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 131, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 131, 255);  
box-shadow:4px 4px 4px 4px rgb(222, 131,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2905, 38.9822, 99.1652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 131, 255) }
```

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

```
.background{ background-color: rgb(222,  
131, 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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