

Converting Colors

XYZ(78.5934, 52.0788,
214.8240)

Have a look what the booklet for
XYZ(78.5934, 52.0788, 214.8240)
contains.

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Color

**XYZ(56.6879, 43.3288,
99.9833)**

Conversions

Conversions Part 1

Format	Color
Hex	D696FF
RGB	214, 150, 255
RGB Percent	84%, 59%, 100%
CMY	0.1608, 0.4117, 0.0000
CMYK	0.16, 0.41, 0.00, 0.00
HSL	277°, 100%, 79%
HSV	277°, 41%, 100%
XYZ	56.6879, 43.3288, 99.9833
YIQ	181.1060, 4.4390, 46.2230

Conversions

Conversions Part 2

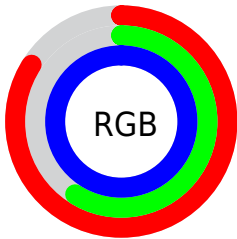
Format	Color
RYB	214, 150, 255
Decimal	14063359
CIELab	71.78, 42.52, -43.05
CIELCh	72, 60.515, 314.645
Yxy	43.3288, 0.2834, 0.2166
Android (android.graphics.Color)	4292253439 (0xFFD696FF)
YUV	181.1060, 36.4297, 28.8480
Hunter-Lab	65.8246, 38.5304, -43.9804

Details

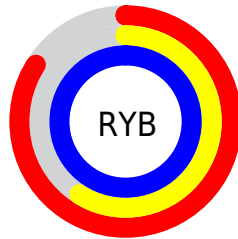
The XYZ color **56.6879, 43.3288, 99.9833** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **62.7516, 84.7987, 41.9163**, and the grayscale version is **43.7871, 46.0675, 50.1675**.

A 20% lighter version of the original color is **81.1213, 72.1426, 104.2571**, and **28.4654, 19.9807, 55.7824** is the 20% darker color. If you saturate the color by 10%, you get **50.2353, 34.6058, 98.6396**, and if you desaturate by 10%, it is **64.2062, 53.9174, 101.6308**.

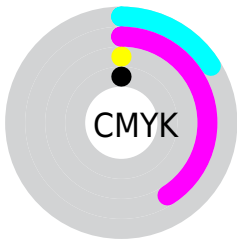
Distribution



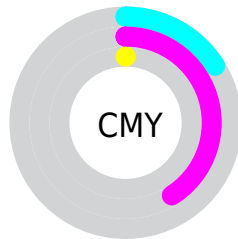
- Red (84%)
- Green (59%)
- Blue (100%)



- Red (84%)
- Yellow (59%)
- Blue (100%)



- Cyan (16%)
- Magenta (41%)
- Yellow (0%)
- Black (0%)





- Cyan (16%)
- Magenta (41%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.6879, 43.3288, 99.9833 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 56.6879, 43.3288, 99.9833 by changing the saturation by 10% instead.

 56.6879, 43.3288,
99.9833


 56.6879, 43.3288,
99.9833


402.3119,
359.9622, 581.3854

 40.9939, 30.1432,
75.6698

 99.1436, 80.2068,
163.1859

 28.5020, 19.9473,
55.6567


 126.6361,
104.6680, 202.9121

 18.8468, 12.3567,
39.5256

158.7920,
133.6564, 248.6129

 11.6630, 6.9871,
26.8579

195.9768,
167.5566, 300.7069

 6.5852, 3.4540,
17.2350

238.5559,
206.7529, 359.6126

 3.2481, 1.3731,
10.2385

286.8945,

 1.2863, 0.1968,

251.6296, 425.7485

5.4497

341.3581,
302.5713, 499.5333

■ 0.1729, 0.0000,
2.4501

■ 0.0000, 0.0000,
0.8136

■ 56.6879, 43.3288,
99.9833

■ 56.6879, 43.3288,
99.9833

■ 50.2353, 34.6058,
98.6396

■ 64.2062, 53.9174,
101.6308

■ 44.7831, 27.6255,
97.5797

■ 72.8418, 66.4735,
103.5992

■ 40.2645, 22.2582,
96.7818

■ 82.6479, 81.0977,
105.9052

■ 36.6017, 18.3530,
96.2211

■ 93.6726, 97.8822,
108.5638

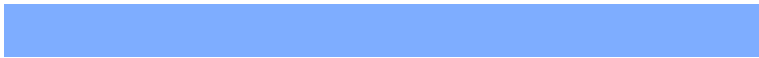
■ 33.7015, 15.7290, 95.0500, 100.0000,
95.8675 108.9000

■ 31.6504, 14.2313,
95.6865

Harmonies

Analogous

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



46.3835, 43.3288, 125.8463



56.6879, 43.3288, 99.9833



63.3280, 43.3288, 63.8063

Triad

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



56.6879, 43.3288, 99.9833



46.6401, 43.3288, 10.9427



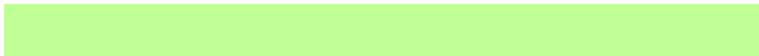
24.8700, 43.3288, 62.9812

Complementary

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



56.6879, 43.3288, 99.9833



62.7516, 84.7987, 41.9163

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.



24.9153, 43.3288, 33.7226



56.6879, 43.3288, 99.9833



36.3860, 43.3288, 10.8743

Square

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



56.6879, 43.3288, 99.9833



56.9025, 43.3288, 17.5369



28.7989, 43.3288, 17.2817



28.6627, 43.3288, 99.1671

Rectangle

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



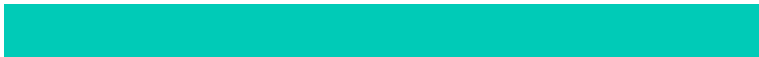
56.6879, 43.3288, 99.9833



64.1852, 43.3288, 42.7416



28.7989, 43.3288, 17.2817



24.4600, 43.3288, 51.9106

Sweetspot

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



56.6893, 43.3305, 99.9835



81.7933, 79.8105, 105.7017



49.4786, 51.4048, 101.9221



17.2211, 16.6529, 22.5566



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.



56.6893, 43.3305, 99.9835



51.5515, 36.3506, 98.9070



68.5522, 49.6361, 91.9545



18.0658, 17.9257, 22.7578



16.7104, 7.5250, 50.0063



1.7496, 0.7959, 4.8747

Inverse Universe

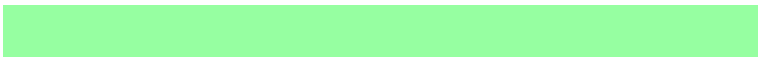
The Inverse Universe completely reimagines the original color for something new.



61.5511, 46.8357, 55.0872



57.3497, 40.4867, 47.3545



54.7278, 80.5602, 46.1544



18.3030, 18.1045, 20.2129



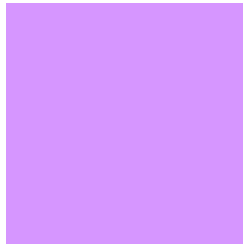
22.8078, 11.6124, 7.6381



2.2724, 1.1513, 1.0161

Previews

White Background



This preview shows how the XYZ color 56.6879, 43.3288, 99.9833 looks on a white background.

Color Contrast Check

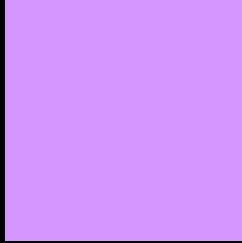
Large Text (above 18pt) WCAG AA × Fail

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 56.6879, 43.3288, 99.9833 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

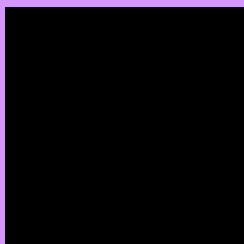
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.6879, 43.3288, 99.9833

Background



This preview shows how black text looks on a background with the XYZ color 56.6879, 43.3288, 99.9833.



This preview shows how white text looks on a background with the XYZ color 56.6879, 43.3288,

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

56.6879, 43.3288, 99.9833

Protanopia

45.5805, 43.8817, 100.6754

Deuteranopia

44.7858, 43.5638, 96.4907



Tritanopia

46.1300, 43.0837, 48.5325

Trichromacy



Original Color

56.6879, 43.3288, 99.9833



Protanomaly

48.7387, 43.0145, 100.3416



Deuteranomaly

48.2594, 42.8228, 97.8175

Tritanomaly

49.2869, 42.7684, 64.6889

Monochromacy



Original Color

56.6879, 43.3288, 99.9833



Achromatopsia

43.9204, 46.2077, 50.3202



Achromatomaly

47.7522, 44.6410, 65.7743

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6879, 43.3288, 99.9833 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(214, 150, 255)` looks like.

```
.text, #text, p{  
    color:rgb(214, 150, 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(214, 150, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 150, 255) }
```

Border

The CSS property to change the border of an element to XYZ 56.6879, 43.3288, 99.9833 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(214, 150, 255) }
```


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

```
.border{ border-color:rgb(214, 150, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 150, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 150, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 150, 255);  
box-shadow:4px 4px 4px 4px rgb(214, 150,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6879, 43.3288, 99.9833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 150, 255) }
```

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

```
.background{ background-color: rgb(214,  
150, 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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