

Converting Colors

XYZ(57.2702, 44.3488,
100.1495)

Have a look what the booklet for
XYZ(57.2702, 44.3488, 100.1495)
contains.

XYZ(57.1728, 44.2986, 100.1449)	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(57.1728, 44.2986,
100.1449)**

Conversions

Conversions Part 1

Format	Color
Hex	D699FF
RGB	214, 153, 255
RGB Percent	84%, 60%, 100%
CMY	0.1608, 0.4000, 0.0000
CMYK	0.16, 0.40, 0.00, 0.00
HSL	276°, 100%, 80%
HSV	276°, 40%, 100%
XYZ	57.1728, 44.2986, 100.1449
YIQ	182.8670, 3.6140, 44.6540

Conversions

Conversions Part 2

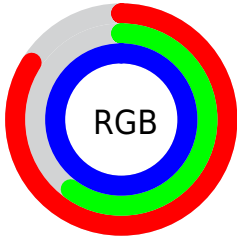
Format	Color
R _Y B	214, 153, 255
Decimal	14064127
CIE Lab	72.43, 40.92, -42.04
CIE LCh	72, 58.665, 314.227
Yxy	44.2986, 0.2836, 0.2197
Android (android.graphics.Color)	4292254207 (0xFFD699FF)
YUV	182.8670, 35.5616, 27.3036
Hunter-Lab	66.5572, 36.8569, -42.6203

Details

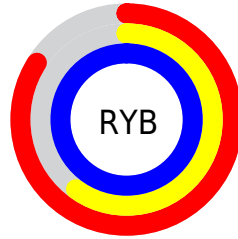
The XYZ color **57.1728, 44.2986, 100.1449** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **63.7587, 85.2896, 43.2409**, and the grayscale version is **44.7482, 47.0786, 51.2686**.

A 20% lighter version of the original color is **81.8459, 73.5918, 104.4986**, and **28.9473, 20.6537, 55.8870** is the 20% darker color. If you saturate the color by 10%, you get **50.5388, 35.3318, 98.7638**, and if you desaturate by 10%, it is **64.8896, 55.1495, 101.8326**.

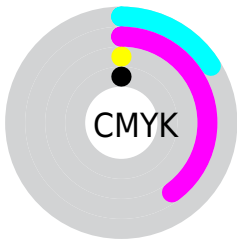
Distribution



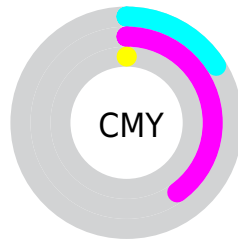
- Red (84%)
- Green (60%)
- Blue (100%)



- Red (84%)
- Yellow (60%)
- Blue (100%)



- Cyan (16%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.1728, 44.2986, 100.1449 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 57.1728, 44.2986, 100.1449 by changing the saturation by 10% instead.

57.1728, 44.2986,
100.1449

57.1728, 44.2986,
100.1449

404.1002,
363.9254, 581.9078

41.3847, 30.9053,
75.8040

99.8472, 81.6669,
163.4099

28.8088, 20.5268,
55.7661

127.4642,
106.4107, 203.1711

19.0798, 12.7785,
39.6127

159.7548,
135.7067, 248.9095

11.8323, 7.2762,
26.9252

197.0844,
169.9395, 301.0435

6.7010, 3.6354,
17.2851

239.8184,
209.4934, 359.9919

3.3205, 1.4718,
10.2739

288.3222,

1.3254, 0.2688,

254.7527, 426.1730

5.4730

342.9610,
306.1019, 500.0054

■ 0.2021, 0.0000,
2.4638

■ 0.0000, 0.0000,
0.8209

■ 57.1728, 44.2986,
100.1449

■ 57.1728, 44.2986,
100.1449

■ 50.5388, 35.3318,
98.7638

■ 64.8896, 55.1495,
101.8326

■ 44.9226, 28.1272,
97.6692

■ 73.7406, 67.9853,
103.8437

■ 40.2580, 22.5570,
96.8398

■ 83.7787, 82.9059,
106.1946

■ 36.4683, 18.4726,
96.2512

95.0500, 100.0000,
108.9000

■ 33.4624, 15.6976,
95.8740

■ 31.0935, 13.9442,
95.6604

■ 31.0931, 13.9440,
95.6604

Harmonies

Analogous

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



47.0654, 44.2986, 124.8383



57.1728, 44.2986, 100.1449



63.7220, 44.2986, 65.0072

Triad

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



57.1728, 44.2986, 100.1449



47.6135, 44.2986, 12.0436



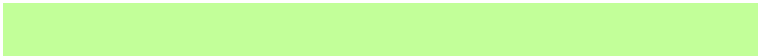
25.9310, 44.2986, 63.2521

Complementary

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



57.1728, 44.2986, 100.1449



63.7587, 85.2896, 43.2409

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.



26.0295, 44.2986, 34.6263



57.1728, 44.2986, 100.1449



37.5050, 44.2986, 11.8900

Square

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



57.1728, 44.2986, 100.1449



57.6290, 44.2986, 18.8883



29.9478, 44.2986, 18.3251



29.6531, 44.2986, 98.4253

Rectangle

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



57.1728, 44.2986, 100.1449



64.6215, 44.2986, 44.2452



29.9478, 44.2986, 18.3251



25.5397, 44.2986, 52.4549

Sweetspot

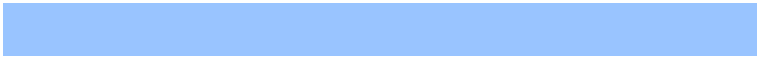
The Sweet Spot groups the original color and five complimentary colors.



57.1742, 44.3004, 100.1452



81.6721, 79.7480, 105.6961



50.8155, 53.2485, 102.2075



17.1926, 16.6382, 22.5553



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.



57.1742, 44.3004, 100.1452



51.7813, 36.9791, 99.0162



69.3434, 50.7284, 93.7287



18.0450, 17.9149, 22.7568



16.4200, 7.3753, 49.9927



1.7223, 0.7818, 4.8734

Inverse Universe

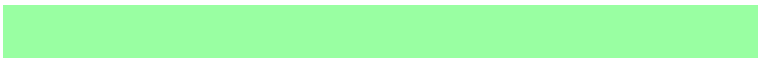
The Inverse Universe completely reimagines the original color for something new.



62.3697, 47.9390, 57.0058



57.9956, 41.2948, 49.0611



55.3752, 80.8837, 46.6452



18.3119, 18.1081, 20.2596



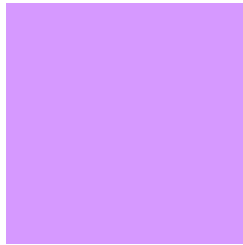
22.8839, 11.6428, 8.0389



2.2804, 1.1545, 1.0581

Previews

White Background



This preview shows how the XYZ color 57.1728, 44.2986, 100.1449 looks on a white background.

Color Contrast Check

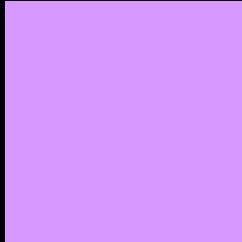
Large Text (above 18pt) WCAG AA × Fail

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 57.1728, 44.2986, 100.1449 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 57.1728, 44.2986, 100.1449

Background



This preview shows how black text looks on a background with the XYZ color 57.1728, 44.2986, 100.1449.



This preview shows how white text looks on a background with the XYZ color 57.1728, 44.2986,

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

57.1728, 44.2986, 100.1449

Protanopia

46.3289, 44.5553, 100.7660

Deuteranopia

45.7295, 44.6282, 96.6464



Tritanopia

46.9886, 44.3099, 50.3321

Trichromacy



Original Color

57.1728, 44.2986, 100.1449



Protanomaly

49.5479, 43.9714, 100.4836



Deuteranomaly

49.2525, 44.1475, 98.0209



Tritanomaly

50.0594, 43.9196, 66.1605

Monochromacy



Original Color

57.1728, 44.2986, 100.1449



Achromatopsia

45.0092, 47.3531, 51.5676



Achromatomaly

48.5093, 45.5778, 66.5623

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1728, 44.2986, 100.1449 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, 153, 255)` looks like.

```
.text, #text, p{  
    color:rgb(214, 153, 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, 153, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 153, 255) }
```

Border

The CSS property to change the border of an element to XYZ 57.1728, 44.2986, 100.1449 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, 153, 255) }
```


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

```
.border{ border-color:rgb(214, 153, 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, 153, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 153, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 153, 255);  
box-shadow:4px 4px 4px 4px rgb(214, 153,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1728, 44.2986, 100.1449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 153, 255) }
```

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

```
.background{ background-color: rgb(214,  
153, 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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