

Converting Colors

XYZ(57.3670, 42.2335, 99.7360)

Have a look what the booklet for
XYZ(57.3670, 42.2335, 99.7360)
contains.

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Color

**XYZ(57.5385, 42.3822,
99.7557)**

Conversions

Conversions Part 1

Format	Color
Hex	DC90FF
RGB	220, 144, 255
RGB Percent	86%, 56%, 100%
CMY	0.1372, 0.4353, 0.0000
CMYK	0.14, 0.44, 0.00, 0.00
HSL	281°, 100%, 78%
HSV	281°, 44%, 100%
XYZ	57.5385, 42.3822, 99.7557
YIQ	179.3780, 9.6650, 50.6330

Conversions

Conversions Part 2

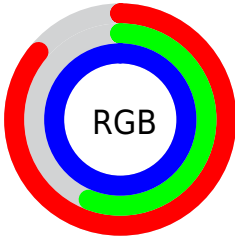
Format	Color
R _Y B	220, 144, 255
Decimal	14455039
CIE Lab	71.13, 47.39, -44.02
CIE LCh	71, 64.682, 317.116
Yxy	42.3822, 0.2882, 0.2123
Android (android.graphics.Color)	4292645119 (0xFFDC90FF)
YUV	179.3780, 37.2816, 35.6255
Hunter-Lab	65.1016, 43.8351, -45.2794

Details

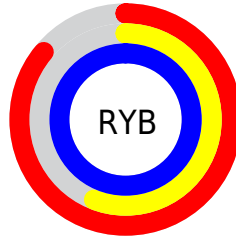
The XYZ color **57.5385, 42.3822, 99.7557** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **59.3853, 83.1177, 39.3008**, and the grayscale version is **42.8543, 45.0861, 49.0988**.

A 20% lighter version of the original color is **79.7134, 69.3268, 103.7878**, and **29.0384, 19.3459, 55.6297** is the 20% darker color. If you saturate the color by 10%, you get **51.7285, 34.2874, 98.4995**, and if you desaturate by 10%, it is **64.3405, 52.2850, 101.3086**.

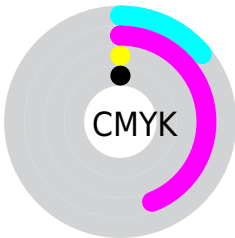
Distribution



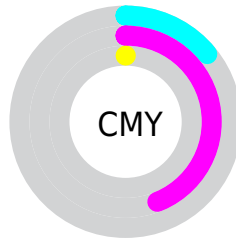
- Red (86%)
- Green (56%)
- Blue (100%)



- Red (86%)
- Yellow (56%)
- Blue (100%)



- Cyan (14%)
- Magenta (44%)
- Yellow (0%)
- Black (0%)





- Cyan (14%)
- Magenta (44%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.5385, 42.3822, 99.7557 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 57.5385, 42.3822, 99.7557 by changing the saturation by 10% instead.


 57.5385, 42.3822,
99.7557

 57.5385, 42.3822,
99.7557


405.4457,
356.0649, 580.6491

 41.6796, 29.4007,
75.4808

 100.3773, 78.7777,
162.8704

 29.0405, 19.3841,
55.5028

 128.0879,
102.9606, 202.5472

 19.2559, 11.9482,
39.4031


160.4798,
131.6459, 248.1951

 11.9604, 6.7084,
26.7632

197.9183,
165.2182, 300.2325

 6.7887, 3.2804,
17.1646

240.7688,
204.0619, 359.0781

 3.3755, 1.2798,
10.1887

289.3966,

 1.3553, 0.1255,

248.5613, 425.1504

5.4170

344.1672,
299.1008, 498.8679

■ 0.2240, 0.0000,
2.4310

■ 0.0000, 0.0000,
0.8032

■ 57.5385, 42.3822,
99.7557

■ 57.5385, 42.3822,
99.7557

■ 51.7285, 34.2874,
98.4995

■ 64.3405, 52.2850,
101.3086

■ 46.8452, 27.8758,
97.5193

■ 72.1858, 64.0993,
103.1755

■ 42.8214, 23.0144,
96.7930

■ 81.1269, 77.9268,
105.3733

■ 39.5781, 19.5475,
96.2948

■ 91.2113, 93.8603,
107.9172

■ 37.0189, 17.2851,
95.9930

95.0500, 100.0000,
108.9000

■ 35.6389, 16.2874,
95.8731

Harmonies

Analogous

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



46.7240, 42.3822, 129.7690



57.5385, 42.3822, 99.7557



64.1685, 42.3822, 60.7549

Triad

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



57.5385, 42.3822, 99.7557



45.1044, 42.3822, 9.0173



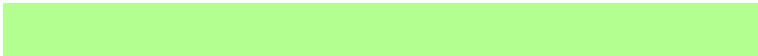
23.4864, 42.3822, 66.0060

Complementary

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



57.5385, 42.3822, 99.7557



59.3853, 83.1177, 39.3008

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.



23.2099, 42.3822, 34.0912



57.5385, 42.3822, 99.7557



34.4630, 42.3822, 9.4063

Square

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



57.5385, 42.3822, 99.7557



56.1712, 42.3822, 14.8015



26.8764, 42.3822, 16.3081



27.7147, 42.3822, 105.0497

Rectangle

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



57.5385, 42.3822, 99.7557



64.6658, 42.3822, 39.1501



26.8764, 42.3822, 16.3081



22.9589, 42.3822, 53.9315

Sweetspot

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



57.5399, 42.3839, 99.7560



81.6300, 78.7141, 105.4987



45.7032, 45.4513, 100.9719



17.0262, 16.1515, 22.4701



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.



57.5399, 42.3839, 99.7560



52.5546, 35.4121, 98.6730



66.1589, 47.1859, 83.9539



18.2029, 17.9963, 22.7642



18.7835, 8.5937, 50.1033



1.9420, 0.8951, 4.8837

Inverse Universe

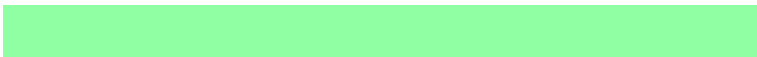
The Inverse Universe completely reimagines the original color for something new.



59.3508, 44.4626, 48.1029



54.9685, 37.9654, 39.6522



53.9952, 80.1428, 47.9129



18.2453, 18.0814, 19.9089



22.3724, 11.4383, 5.3456



2.2253, 1.1325, 0.7678

Previews

White Background



This preview shows how the XYZ color 57.5385, 42.3822, 99.7557 looks on a white background.

Color Contrast Check

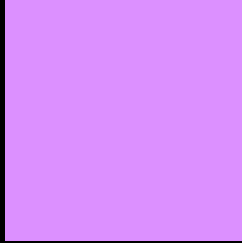
Large Text (above 18pt) WCAG AA × Fail

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 57.5385, 42.3822, 99.7557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

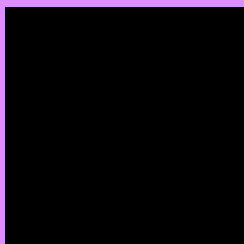
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.5385, 42.3822, 99.7557

Background



This preview shows how black text looks on a background with the XYZ color 57.5385, 42.3822, 99.7557.



This preview shows how white text looks on a background with the XYZ color 57.5385, 42.3822,

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

57.5385, 42.3822, 99.7557

Protanopia

44.6566, 42.8360, 100.5223

Deuteranopia

43.8965, 42.8377, 95.5774



Tritanopia

46.5727, 42.3066, 45.7557

Trichromacy



Original Color

57.5385, 42.3822, 99.7557



Protanomaly

48.2039, 41.9449, 100.1633



Deuteranomaly

47.5665, 41.6899, 96.8067

Tritanomaly

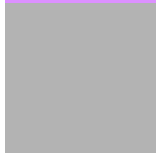
49.6522, 41.7515, 61.9418

Monochromacy



Original Color

57.5385, 42.3822, 99.7557



Achromatopsia

42.8472, 45.0786, 49.0906



Achromatomaly

47.1468, 43.2468, 64.8940

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5385, 42.3822, 99.7557 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(220, 144, 255)` looks like.

```
.text, #text, p{  
    color:rgb(220, 144, 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(220, 144, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 144, 255) }
```

Border

The CSS property to change the border of an element to XYZ 57.5385, 42.3822, 99.7557 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(220, 144, 255) }
```


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

```
.border{ border-color:rgb(220, 144, 255) }
```

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

Here you see how a box with a 4 pixel rgb(220, 144, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 144, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 144, 255);  
box-shadow:4px 4px 4px 4px rgb(220, 144,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5385, 42.3822, 99.7557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 144, 255) }
```

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

```
.background{ background-color: rgb(220,  
144, 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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