

Converting Colors

XYZ(55.9723, 41.7006, 99.7067)

Have a look what the booklet for
XYZ(55.9723, 41.7006, 99.7067)
contains.

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Color

**XYZ(55.9070, 41.7669,
99.7229)**

Conversions

Conversions Part 1

Format	Color
Hex	D691FF
RGB	214, 145, 255
RGB Percent	84%, 57%, 100%
CMY	0.1608, 0.4314, 0.0000
CMYK	0.16, 0.43, 0.00, 0.00
HSL	278°, 100%, 78%
HSV	278°, 43%, 100%
XYZ	55.9070, 41.7669, 99.7229
YIQ	178.1710, 5.8140, 48.8380

Conversions

Conversions Part 2

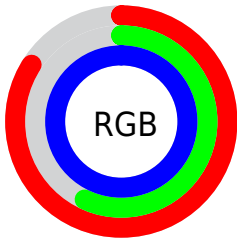
Format	Color
R _{YB}	214, 145, 255
Decimal	14062079
CIE Lab	70.71, 45.18, -44.73
CIE LCh	71, 63.578, 315.292
Yxy	41.7669, 0.2832, 0.2116
Android (android.graphics.Color)	4292252159 (0xFFD691FF)
YUV	178.1710, 37.8767, 31.4220
Hunter-Lab	64.6273, 41.3168, -46.2481

Details

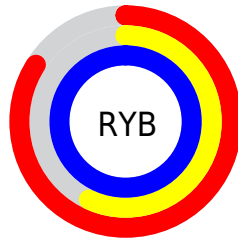
The XYZ color **55.9070, 41.7669, 99.7229** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **61.1211, 84.0037, 39.7826**, and the grayscale version is **42.2123, 44.4107, 48.3632**.

A 20% lighter version of the original color is **79.9443, 69.7886, 103.8648**, and **28.0120, 19.0740, 55.6313** is the 20% darker color. If you saturate the color by 10%, you get **49.7457, 33.4419, 98.4408**, and if you desaturate by 10%, it is **63.1073, 51.9274, 101.3046**.

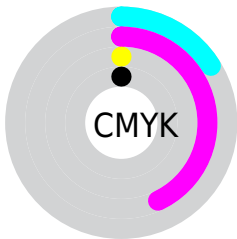
Distribution



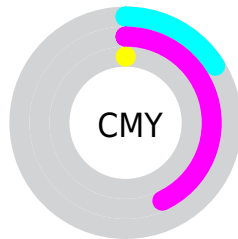
- Red (84%)
- Green (57%)
- Blue (100%)



- Red (84%)
- Yellow (57%)
- Blue (100%)



- Cyan (16%)
- Magenta (43%)
- Yellow (0%)
- Black (0%)




- Cyan (16%)
- Magenta (43%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.9070, 41.7669, 99.7229 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 55.9070, 41.7669, 99.7229 by changing the saturation by 10% instead.


 55.9070, 41.7669,
99.7229


 55.9070, 41.7669,
99.7229


399.4216,
353.5157, 580.5430

 40.3651, 28.9188,
75.4535

 98.0092, 77.8467,
162.8249

 28.0088, 19.0194,
55.4806

 125.3002,
101.8472, 202.4946

 18.4728, 11.6843,
39.3854


157.2382,
130.3340, 248.1348

 11.3917, 6.5291,
26.7496

194.1886,
163.6915, 300.1642

 6.4002, 3.1694,
17.1544

236.5168,
202.3040, 359.0011

 3.1329, 1.2208,
10.1815

284.5882,

 1.2244, 0.0786,

246.5559, 425.0642

5.4123

338.7680,
296.8317, 498.7720

■ 0.1255, 0.0000,
2.4282

■ 0.0000, 0.0000,
0.8018

■ 55.9070, 41.7669,
99.7229

■ 55.9070, 41.7669,
99.7229

■ 49.7457, 33.4419,
98.4408

■ 63.1073, 51.9274,
101.3046

■ 44.5573, 26.8275,
97.4375

■ 71.3988, 64.0272,
103.2031

■ 40.2738, 21.7908,
96.6911

■ 80.8349, 78.1680,
105.4352

■ 36.8153, 18.1765,
96.1758

■ 91.4640, 94.4431,
108.0164

■ 34.0854, 15.7958,
95.8601

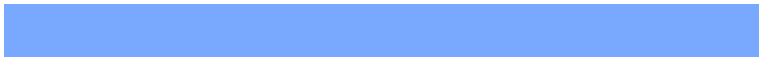
95.0500, 100.0000,
108.9000

■ 32.5387, 14.6892,
95.7281

Harmonies

Analogous

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



45.2845, 41.7669, 127.5398



55.9070, 41.7669, 99.7229



62.6941, 41.7669, 61.8558

Triad

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



55.9070, 41.7669, 99.7229



45.0671, 41.7669, 9.2768



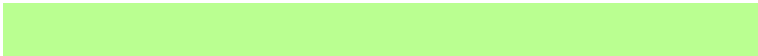
23.1877, 41.7669, 62.5595

Complementary

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



55.9070, 41.7669, 99.7229



61.1211, 84.0037, 39.7826

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.



23.1504, 41.7669, 32.2794



55.9070, 41.7669, 99.7229



34.5913, 41.7669, 9.3300

Square

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



55.9070, 41.7669, 99.7229



55.7238, 41.7669, 15.4494



26.9707, 41.7669, 15.6539



27.0837, 41.7669, 100.4302

Rectangle

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



55.9070, 41.7669, 99.7229



63.4805, 41.7669, 40.3330



26.9707, 41.7669, 15.6539



22.7496, 41.7669, 51.0409

Sweetspot

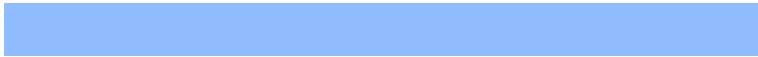
The Sweet Spot groups the original color and five complimentary colors.



55.9084, 41.7686, 99.7232



80.9710, 78.3744, 105.4679



47.5340, 48.8525, 101.5319



16.8630, 16.0673, 22.4625



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.



55.9084, 41.7686, 99.7232



50.3953, 34.2990, 98.5720



67.4181, 47.9329, 89.8347



18.0981, 17.9423, 22.7593



17.1728, 7.7634, 50.0280



1.7930, 0.8182, 4.8767

Inverse Universe

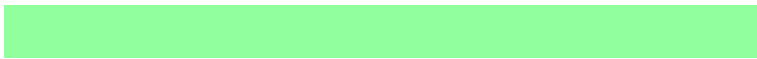
The Inverse Universe completely reimagines the original color for something new.



60.2290, 45.0572, 51.9775



55.6781, 38.2492, 43.3884



53.5953, 80.0031, 44.8915



18.2893, 18.0990, 20.1408



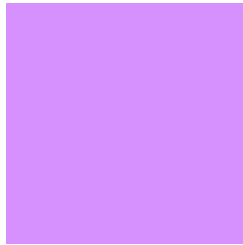
22.6952, 11.5674, 7.0453



2.2605, 1.1466, 0.9533

Previews

White Background



This preview shows how the XYZ color 55.9070, 41.7669, 99.7229 looks on a white background.

Color Contrast Check

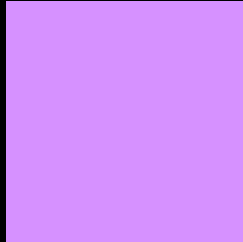
Large Text (above 18pt) WCAG AA × Fail

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 55.9070, 41.7669, 99.7229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

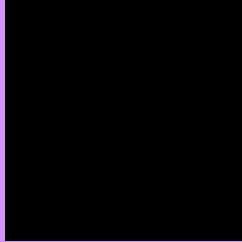
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.9070, 41.7669, 99.7229

Background



This preview shows how black text looks on a background with the XYZ color 55.9070, 41.7669, 99.7229.



This preview shows how white text looks on a background with the XYZ color 55.9070, 41.7669,

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

55.9070, 41.7669, 99.7229

Protanopia

44.1145, 42.2751, 100.4426

Deuteranopia

43.3355, 42.2468, 96.3129



Tritanopia

44.9225, 41.7070, 46.2400

Trichromacy



Original Color

55.9070, 41.7669, 99.7229



Protanomaly

47.3325, 41.4957, 100.1225



Deuteranomaly

46.8532, 41.3040, 97.5985

Tritanomaly

48.2411, 41.2584, 62.5478

Monochromacy



Original Color

55.9070, 41.7669, 99.7229



Achromatopsia

42.3164, 44.5201, 48.4824



Achromatomaly

46.2627, 42.8050, 64.2164

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9070, 41.7669, 99.7229 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, 145, 255)` looks like.

```
.text, #text, p{  
    color:rgb(214, 145, 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, 145, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 145, 255) }
```

Border

The CSS property to change the border of an element to XYZ 55.9070, 41.7669, 99.7229 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, 145, 255) }
```


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

```
.border{ border-color:rgb(214, 145, 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, 145, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 145, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 145, 255);  
box-shadow:4px 4px 4px 4px rgb(214, 145,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9070, 41.7669, 99.7229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 145, 255) }
```

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

```
.background{ background-color: rgb(214,  
145, 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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