

Converting Colors

XYZ(65.5688, 54.1448,
101.6029)

Have a look what the booklet for
XYZ(65.5688, 54.1448, 101.6029)
contains.

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Color

**XYZ(65.4992, 54.1501,
101.6076)**

Conversions

Conversions Part 1

Format	Color
Hex	E5AEFF
RGB	229, 174, 255
RGB Percent	90%, 68%, 100%
CMY	0.1020, 0.3176, 0.0000
CMYK	0.10, 0.32, 0.00, 0.00
HSL	281°, 100%, 84%
HSV	281°, 32%, 100%
XYZ	65.4992, 54.1501, 101.6076
YIQ	199.6790, 6.7790, 36.8510

Conversions

Conversions Part 2

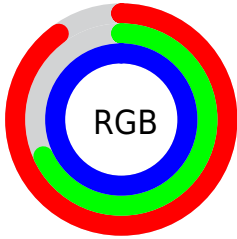
Format	Color
R _Y B	229, 174, 255
Decimal	15052543
CIE Lab	78.55, 34.10, -32.43
CIE LCh	79, 47.057, 316.442
Yxy	54.1501, 0.2960, 0.2447
Android (android.graphics.Color)	4293242623 (0xFFE5AEFF)
YUV	199.6790, 27.2733, 25.7145
Hunter-Lab	73.5868, 30.1051, -30.3561

Details

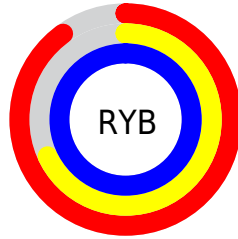
The XYZ color **65.4992, 54.1501, 101.6076** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **67.2205, 86.8559, 53.2688**, and the grayscale version is **54.5386, 57.3789, 62.4856**.

A 20% lighter version of the original color is **87.5868, 85.0736, 106.4123**, and **34.2640, 26.6362, 56.7615** is the 20% darker color. If you saturate the color by 10%, you get **58.4825, 43.9020, 99.9993**, and if you desaturate by 10%, it is **73.5774, 66.3363, 103.5340**.

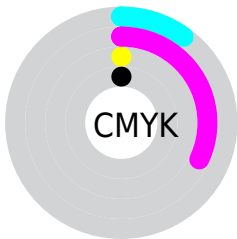
Distribution



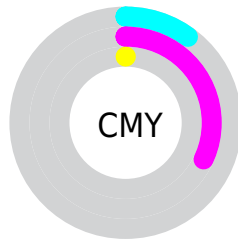
- Red (90%)
- Green (68%)
- Blue (100%)



- Red (90%)
- Yellow (68%)
- Blue (100%)



- Cyan (10%)
- Magenta (32%)
- Yellow (0%)
- Black (0%)



- Cyan (10%)
- Magenta (32%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.4992, 54.1501, 101.6076 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 65.4992, 54.1501, 101.6076 by changing the saturation by 10% instead.

65.4992, 54.1501,
101.6076

65.4992, 54.1501,
101.6076

434.1006,
402.6821, 586.6252

48.1322, 38.7217,
77.0194

111.8290, 96.2946,
165.4357

34.1433, 26.5433,
56.7572

141.5224,
123.7795, 205.5128

23.1671, 17.2305,
40.4023

176.0554,
156.0519, 251.5899

14.8383, 10.3990,
27.5361

215.7933,
193.4964, 304.0856

8.7916, 5.6643,
17.7403

261.1014,
236.4973, 363.4185

4.6615, 2.6420,
10.5962

312.3451,

2.0827, 0.9478,

285.4389, 430.0070

5.6853

369.8897,
340.7057, 504.2697

■ 0.6798, 0.0000,
2.5890

■ 0.0000, 0.0000,
0.8868

■ 65.4992, 54.1501,
101.6076

■ 65.4992, 54.1501,
101.6076

■ 58.4825, 43.9020,
99.9993

■ 73.5774, 66.3363,
103.5340

■ 52.4676, 35.4783,
98.6904

■ 82.7627, 80.5525,
105.7939

■ 47.3962, 28.7637,
97.6616

■ 93.1038, 96.8927,
108.4028

■ 43.2010, 23.6264,
96.8911

95.0500, 100.0000,
108.9000

■ 39.8050, 19.9149,
96.3537

■ 37.1157, 17.4470,
96.0191

■ 35.3170, 16.1215,
95.8581

Harmonies

Analogous

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



56.6810, 54.1501, 122.7414



65.4992, 54.1501, 101.6076



70.8180, 54.1501, 71.7584

Triad

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



65.4992, 54.1501, 101.6076



55.7617, 54.1501, 21.9498



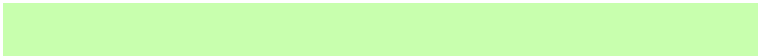
36.1924, 54.1501, 74.6254

Complementary

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



65.4992, 54.1501, 101.6076



67.2205, 86.8559, 53.2688

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.



36.0090, 54.1501, 47.7822



65.4992, 54.1501, 101.6076



46.5849, 54.1501, 22.2958

Square

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



65.4992, 54.1501, 101.6076



64.7569, 54.1501, 29.1592



39.5991, 54.1501, 30.3105



40.1342, 54.1501, 104.2420

Rectangle

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



65.4992, 54.1501, 101.6076



71.2944, 54.1501, 53.4150



39.5991, 54.1501, 30.3105



35.7071, 54.1501, 64.8766

Sweetspot

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



65.5008, 54.1523, 101.6079



84.5005, 83.2763, 106.2280



56.3940, 57.9940, 102.8294



17.7894, 17.3586, 22.6629



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.



65.5008, 54.1523, 101.6079



61.0026, 47.5387, 100.5684



72.3291, 57.9148, 90.9783



18.1925, 17.9910, 22.7637



18.6165, 8.5076, 50.0955



1.9267, 0.8872, 4.8830

Inverse Universe

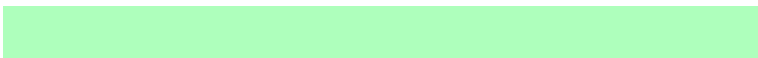
The Inverse Universe completely reimagines the original color for something new.



66.8026, 55.7042, 61.8761



62.6913, 49.4308, 54.4964



62.2403, 84.1287, 60.2551



18.2496, 18.0832, 19.9317



22.4016, 11.4499, 5.4991



2.2286, 1.1338, 0.7850

Previews

White Background



This preview shows how the XYZ color 65.4992, 54.1501, 101.6076 looks on a white background.

Color Contrast Check

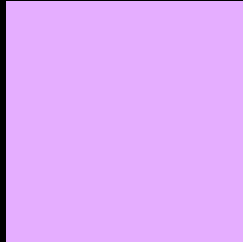
Large Text (above 18pt) WCAG AA × Fail

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 65.4992, 54.1501, 101.6076 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 65.4992, 54.1501, 101.6076

Background



This preview shows how black text looks on a background with the XYZ color 65.4992, 54.1501, 101.6076.

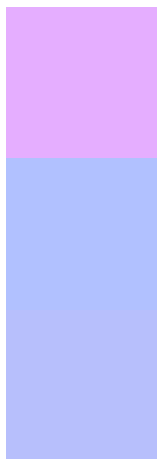


This preview shows how white text looks on a background with the XYZ color 65.4992, 54.1501,

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

65.4992, 54.1501, 101.6076

Protanopia

55.2514, 54.7070, 102.2552

Deuteranopia

55.7299, 54.3572, 99.6502



Tritanopia

57.4766, 54.1936, 61.4639

Trichromacy



Original Color

65.4992, 54.1501, 101.6076



Protanomaly

58.3739, 54.0736, 101.9684



Deuteranomaly

58.8980, 54.0691, 100.2606

Tritanomaly

60.0505, 54.0095, 74.2777

Monochromacy



Original Color

65.4992, 54.1501, 101.6076



Achromatopsia

54.8990, 57.7580, 62.8985



Achromatomaly

58.4130, 56.2778, 75.4941

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.4992, 54.1501, 101.6076 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(229, 174, 255)` looks like.

```
.text, #text, p{  
    color:rgb(229, 174, 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(229, 174, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 174, 255) }
```

Border

The CSS property to change the border of an element to XYZ 65.4992, 54.1501, 101.6076 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(229, 174, 255) }
```


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

```
.border{ border-color:rgb(229, 174, 255) }
```

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

Here you see how a box with a 4 pixel rgb(229, 174, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 174, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 174, 255);  
box-shadow:4px 4px 4px 4px rgb(229, 174,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 65.4992, 54.1501, 101.6076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 174, 255) }
```

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

```
.background{ background-color: rgb(229,  
174, 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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