

Converting Colors

XYZ(66.3841, 55.5103,
105.8959)

Have a look what the booklet for
XYZ(66.3841, 55.5103, 105.8959)
contains.

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Color

**XYZ(65.4507, 54.9952,
101.7732)**

Conversions

Conversions Part 1

Format	Color
Hex	E3B1FF
RGB	227, 177, 255
RGB Percent	89%, 69%, 100%
CMY	0.1098, 0.3059, 0.0000
CMYK	0.11, 0.31, 0.00, 0.00
HSL	278°, 100%, 85%
HSV	278°, 31%, 100%
XYZ	65.4507, 54.9952, 101.7732
YIQ	200.8420, 4.7620, 34.8580

Conversions

Conversions Part 2

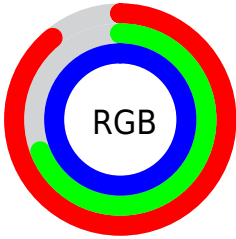
Format	Color
R _Y B	227, 177, 255
Decimal	14922239
CIE Lab	79.04, 31.88, -31.69
CIE LCh	79, 44.952, 315.175
Yxy	54.9952, 0.2945, 0.2475
Android (android.graphics.Color)	4293112319 (0xFFE3B1FF)
YUV	200.8420, 26.6999, 22.9406
Hunter-Lab	74.1587, 27.7619, -29.4567

Details

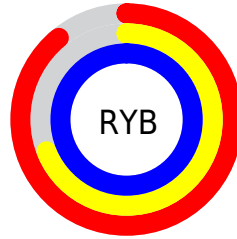
The XYZ color **65.4507, 54.9952, 101.7732** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **68.8739, 87.6740, 54.8903**, and the grayscale version is **55.2589, 58.1367, 63.3109**.

A 20% lighter version of the original color is **88.4289, 86.7578, 106.6930**, and **34.1953, 27.1504, 56.8644** is the 20% darker color. If you saturate the color by 10%, you get **58.0662, 44.3982, 100.1170**, and if you desaturate by 10%, it is **73.9330, 67.5579, 103.7510**.

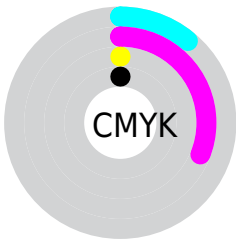
Distribution



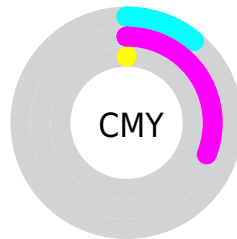
- Red (89%)
- Green (69%)
- Blue (100%)



- Red (89%)
- Yellow (69%)
- Blue (100%)



- Cyan (11%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)



- Cyan (11%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.4507, 54.9952, 101.7732 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 65.4507, 54.9952, 101.7732 by changing the saturation by 10% instead.

65.4507, 54.9952,
101.7732

65.4507, 54.9952,
101.7732

433.9295,
405.8937, 587.1580

48.0927, 39.3979,
77.1571

111.7597, 97.5339,
165.6649

34.1118, 27.0694,
56.8695

141.4414,
125.2441, 205.7776

23.1428, 17.6253,
40.4918

175.9616,
157.7607, 251.8930

14.8203, 10.6813,
27.6055

215.6859,
195.4681, 304.4295

8.7788, 5.8530,
17.7921

260.9794,
238.7507, 363.8057

4.6532, 2.7559,
10.6329

312.2076,

2.0779, 1.0057,

287.9929, 430.4402

5.7095

369.7359,
343.5791, 504.7515

■ 0.6771, 0.0000,
2.6033

■ 0.0000, 0.0000,
0.8942

■ 65.4507, 54.9952,
101.7732

■ 65.4507, 54.9952,
101.7732

■ 58.0662, 44.3982,
100.1170

■ 73.9330, 67.5579,
103.7510

■ 51.7197, 35.6538,
98.7637

■ 83.5590, 82.1777,
106.0656

■ 46.3528, 28.6478,
97.6943

■ 94.3777, 98.9481,
108.7324

■ 41.8985, 23.2499,
96.8871

■ 95.0500, 100.0000,
108.9000

■ 38.2805, 19.3111,
96.3176

■ 35.4076, 16.6532,
95.9559

■ 33.2492, 15.0555,
95.7613

Harmonies

Analogous

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



56.9063, 54.9952, 121.1488



65.4507, 54.9952, 101.7732



70.7334, 54.9952, 73.3960

Triad

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



65.4507, 54.9952, 101.7732



56.7990, 54.9952, 23.7567



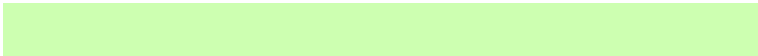
37.3603, 54.9952, 73.7294

Complementary

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



65.4507, 54.9952, 101.7732



68.8739, 87.6740, 54.8903

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.



37.3385, 54.9952, 48.1351



65.4507, 54.9952, 101.7732



47.8950, 54.9952, 23.7988

Square

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



65.4507, 54.9952, 101.7732



65.3644, 54.9952, 31.2867



40.9917, 54.9952, 31.4249



41.0549, 54.9952, 102.0765

Rectangle

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



65.4507, 54.9952, 101.7732



71.3501, 54.9952, 55.5445



40.9917, 54.9952, 31.4249



36.9383, 54.9952, 64.4364

Sweetspot

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



65.4523, 54.9975, 101.7736



85.1945, 84.6922, 106.4647



58.1584, 60.5194, 103.2239



17.9138, 17.6335, 22.7094



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.



65.4523, 54.9975, 101.7736



60.5926, 47.9804, 100.6753



73.3836, 59.2744, 93.6403



18.1231, 17.9552, 22.7605



17.5424, 7.9539, 50.0453



1.8274, 0.8360, 4.8783

Inverse Universe

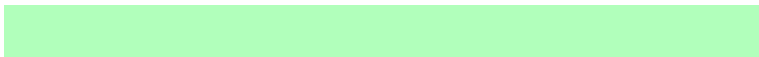
The Inverse Universe completely reimagines the original color for something new.



67.9829, 57.1141, 65.2003



63.7198, 50.5460, 57.7428



62.9056, 84.4729, 60.2303



18.2788, 18.0948, 20.0851



22.6122, 11.5342, 6.6084



2.2516, 1.1430, 0.9065

Previews

White Background



This preview shows how the XYZ color 65.4507, 54.9952, 101.7732 looks on a white background.

Color Contrast Check

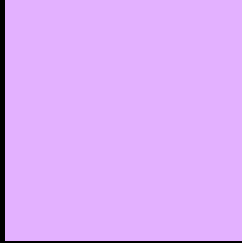
Large Text (above 18pt) WCAG AA × Fail

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 65.4507, 54.9952, 101.7732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

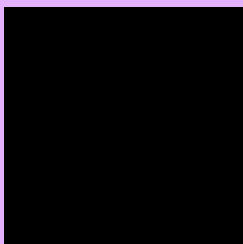
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.4507, 54.9952, 101.7732

Background



This preview shows how black text looks on a background with the XYZ color 65.4507, 54.9952, 101.7732.



This preview shows how white text looks on a background with the XYZ color 65.4507, 54.9952,

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

65.4507, 54.9952, 101.7732

Protanopia

55.9322, 55.3873, 102.3506

Deuteranopia

56.4279, 55.0418, 99.7455



Tritanopia

57.6444, 54.8650, 63.4289

Trichromacy



Original Color

65.4507, 54.9952, 101.7732



Protanomaly

58.7982, 54.9222, 102.1098



Deuteranomaly

59.3194, 54.9119, 100.4011



Tritanomaly

60.1088, 54.6170, 75.7807

Monochromacy



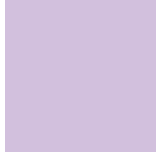
Original Color

65.4507, 54.9952, 101.7732



Achromatopsia

55.5167, 58.4078, 63.6061



Achromatomaly

58.4791, 56.6214, 76.2534

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.4507, 54.9952, 101.7732 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(227, 177, 255)` looks like.

```
.text, #text, p{  
    color:rgb(227, 177, 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(227, 177, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 177, 255) }
```

Border

The CSS property to change the border of an element to XYZ 65.4507, 54.9952, 101.7732 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(227, 177, 255) }
```


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

```
.border{ border-color:rgb(227, 177, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 177, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 177, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 177, 255);  
box-shadow:4px 4px 4px 4px rgb(227, 177,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 65.4507, 54.9952, 101.7732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 177, 255) }
```

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

```
.background{ background-color: rgb(227,  
177, 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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