

Converting Colors

XYZ(66.0642, 54.2697,
101.6009)

Have a look what the booklet for
XYZ(66.0642, 54.2697, 101.6009)
contains.

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Color

**XYZ(65.9486, 54.0961,
101.5735)**

Conversions

Conversions Part 1

Format	Color
Hex	E7ADFF
RGB	231, 173, 255
RGB Percent	91%, 68%, 100%
CMY	0.0941, 0.3215, 0.0000
CMYK	0.09, 0.32, 0.00, 0.00
HSL	282°, 100%, 84%
HSV	282°, 32%, 100%
XYZ	65.9486, 54.0961, 101.5735
YIQ	199.6900, 8.2460, 37.7980

Conversions

Conversions Part 2

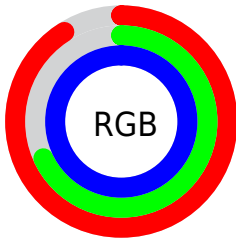
Format	Color
R _Y B	231, 173, 255
Decimal	15183359
CIE Lab	78.52, 35.24, -32.46
CIE LCh	79, 47.914, 317.356
Yxy	54.0961, 0.2976, 0.2441
Android (android.graphics.Color)	4293373439 (0xFFE7ADFF)
YUV	199.6900, 27.2678, 27.4589
Hunter-Lab	73.5501, 31.3393, -30.3952

Details

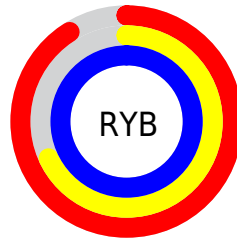
The XYZ color **65.9486, 54.0961, 101.5735** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **66.3300, 86.4080, 52.7201**, and the grayscale version is **54.5448, 57.3854, 62.4927**.

A 20% lighter version of the original color is **87.3093, 84.5186, 106.3198**, and **34.3651, 26.5088, 56.7316** is the 20% darker color. If you saturate the color by 10%, you get **59.1602, 44.0186, 99.9861**, and if you desaturate by 10%, it is **73.7761, 66.0972, 103.4774**.

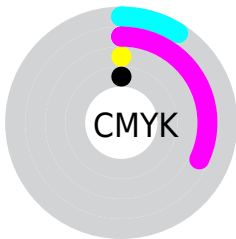
Distribution



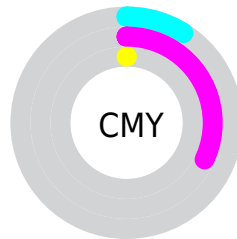
- Red (91%)
- Green (68%)
- Blue (100%)



- Red (91%)
- Yellow (68%)
- Blue (100%)



- Cyan (9%)
- Magenta (32%)
- Yellow (0%)
- Black (0%)





- Cyan (9%)
- Magenta (32%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.9486, 54.0961, 101.5735 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 65.9486, 54.0961, 101.5735 by changing the saturation by 10% instead.


 65.9486, 54.0961,
101.5735

 65.9486, 54.0961,
101.5735


435.6846,
402.4764, 586.5155

 48.4982, 38.6785,
76.9911


 112.4707, 96.2153,
165.3886

 34.4345, 26.5097,
56.7340


142.2731,
123.6858, 205.4583

 23.3921, 17.2053,
40.3838


176.9236,
155.9426, 251.5275

 15.0056, 10.3810,
27.5219

216.7876,
193.3702, 304.0148

 8.9096, 5.6523,
17.7297

262.2303,
236.3530, 363.3387

 4.7389, 2.6348,
10.5886

313.6171,

 2.1281, 0.9442,

285.2753, 429.9178

5.6803

371.3134,
340.5217, 504.1705

■ 0.7044, 0.0000,
2.5860

■ 0.0000, 0.0000,
0.8852

■ 65.9486, 54.0961,
101.5735

■ 65.9486, 54.0961,
101.5735

■ 59.1602, 44.0186,
99.9861

■ 73.7761, 66.0972,
103.4774

■ 53.3514, 35.7508,
98.6964

■ 82.6880, 80.1139,
105.7131

■ 48.4641, 29.1770,
97.6851

■ 92.7328, 96.2402,
108.2964

■ 44.4311, 24.1653,
96.9303

95.0500, 100.0000,
108.9000

■ 41.1754, 20.5634,
96.4067

■ 38.6042, 18.1875,
96.0836

■ 36.9582, 16.9675,
95.9349

Harmonies

Analogous

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



57.0205, 54.0961, 123.7088



65.9486, 54.0961, 101.5735



71.2269, 54.0961, 71.0215

Triad

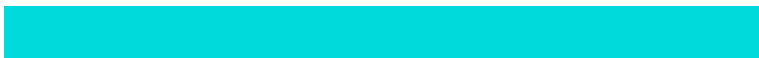
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.9486, 54.0961, 101.5735



55.4907, 54.0961, 21.3597



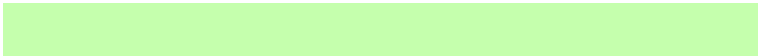
35.9726, 54.0961, 75.7992

Complementary

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



65.9486, 54.0961, 101.5735



66.3300, 86.4080, 52.7201

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.



35.6692, 54.0961, 48.2453



65.9486, 54.0961, 101.5735



46.1927, 54.0961, 21.9269

Square

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



65.9486, 54.0961, 101.5735



64.7113, 54.0961, 28.3542



39.1937, 54.0961, 30.2502



40.0804, 54.0961, 105.9794

Rectangle

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



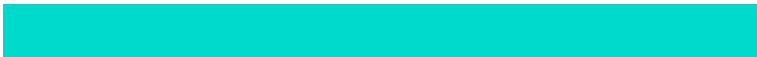
65.9486, 54.0961, 101.5735



71.5886, 54.0961, 52.4967



39.1937, 54.0961, 30.2502



35.4419, 54.0961, 65.8071

Sweetspot

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



65.9502, 54.0983, 101.5738



84.7552, 83.4076, 106.2399



55.3882, 56.3119, 102.5578



17.8512, 17.3905, 22.6658



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.



65.9502, 54.0983, 101.5738



61.1937, 46.9977, 100.4539



71.7056, 57.3575, 88.6444



18.2445, 18.0178, 22.7661



19.4677, 8.9464, 50.1354



2.0046, 0.9273, 4.8866

Inverse Universe

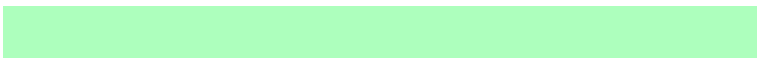
The Inverse Universe completely reimagines the original color for something new.



66.2629, 55.1804, 59.9835



61.7738, 48.3745, 51.7904



62.2239, 84.0965, 61.3270



18.2280, 18.0745, 19.8180



22.2620, 11.3941, 4.7640



2.2128, 1.1275, 0.7019

Previews

White Background



This preview shows how the XYZ color 65.9486, 54.0961, 101.5735 looks on a white background.

Color Contrast Check

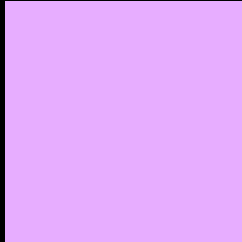
Large Text (above 18pt) WCAG AA × Fail

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 65.9486, 54.0961, 101.5735 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

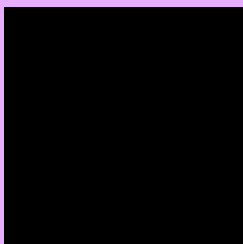
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.9486, 54.0961, 101.5735

Background



This preview shows how black text looks on a background with the XYZ color 65.9486, 54.0961, 101.5735.

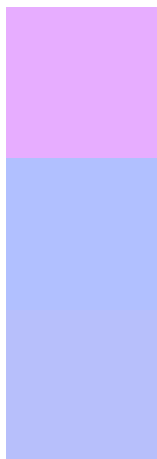


This preview shows how white text looks on a background with the XYZ color 65.9486, 54.0961,

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

65.9486, 54.0961, 101.5735

Protanopia

55.0311, 54.2664, 102.1818

Deuteranopia

55.5718, 54.2939, 98.8176



Tritanopia

57.5735, 53.9341, 61.4087

Trichromacy



Original Color

65.9486, 54.0961, 101.5735



Protanomaly

58.4249, 53.7882, 101.9106



Deuteranomaly

58.5306, 53.5886, 99.3542

Tritanomaly

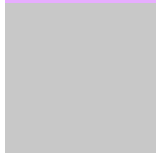
60.1588, 53.7645, 74.2247

Monochromacy



Original Color

65.9486, 54.0961, 101.5735



Achromatopsia

54.8990, 57.7580, 62.8985



Achromatomaly

58.1957, 55.8431, 75.4217

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.9486, 54.0961, 101.5735 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(231, 173, 255)` looks like.

```
.text, #text, p{  
    color:rgb(231, 173, 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(231, 173, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 173, 255) }
```

Border

The CSS property to change the border of an element to XYZ 65.9486, 54.0961, 101.5735 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(231, 173, 255) }
```


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

```
.border{ border-color:rgb(231, 173, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 173, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 173, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 173, 255); box-shadow:4px 4px 4px 4px rgb(231, 173, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 65.9486, 54.0961, 101.5735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 173, 255) }
```

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

```
.background{ background-color: rgb(231,  
173, 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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