

Converting Colors

XYZ(65.3717, 53.9127,
101.5685)

Have a look what the booklet for
XYZ(65.3717, 53.9127, 101.5685)
contains.

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Color

**XYZ(65.3067, 53.7652,
101.5434)**

Conversions

Conversions Part 1

Format	Color
Hex	E5ADFF
RGB	229, 173, 255
RGB Percent	90%, 68%, 100%
CMY	0.1020, 0.3215, 0.0000
CMYK	0.10, 0.32, 0.00, 0.00
HSL	281°, 100%, 84%
HSV	281°, 32%, 100%
XYZ	65.3067, 53.7652, 101.5434
YIQ	199.0920, 7.0540, 37.3740

Conversions

Conversions Part 2

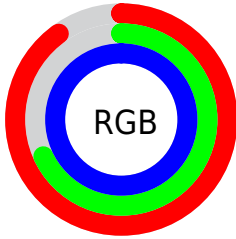
Format	Color
R _Y B	229, 173, 255
Decimal	15052287
CIE Lab	78.32, 34.64, -32.77
CIE LCh	78, 47.683, 316.584
Yxy	53.7652, 0.2960, 0.2437
Android (android.graphics.Color)	4293242367 (0xFFE5ADFF)
YUV	199.0920, 27.5626, 26.2293
Hunter-Lab	73.3248, 30.6627, -30.7801

Details

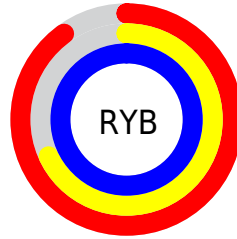
The XYZ color **65.3067, 53.7652, 101.5434** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **66.8572, 86.6798, 52.7448**, and the grayscale version is **54.1776, 56.9990, 62.0719**.

A 20% lighter version of the original color is **87.3093, 84.5186, 106.3198**, and **34.1431, 26.3944, 56.7212** is the 20% darker color. If you saturate the color by 10%, you get **58.3560, 43.6040, 99.9485**, and if you desaturate by 10%, it is **73.3139, 65.8590, 103.4557**.

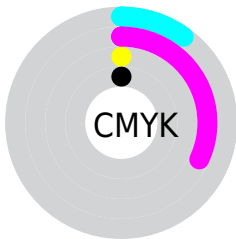
Distribution



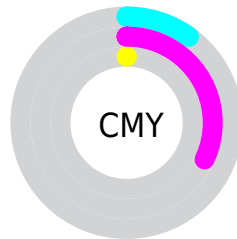
- Red (90%)
- Green (68%)
- Blue (100%)



- 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 65.3067, 53.7652, 101.5434 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 65.3067, 53.7652, 101.5434 by changing the saturation by 10% instead.

65.3067, 53.7652,
101.5434

65.3067, 53.7652,
101.5434

433.4211,
401.2140, 586.4186

47.9754, 38.4140,
76.9661

111.5539, 95.7294,
165.3469

34.0186, 26.3041,
56.7136

141.2006,
123.1112, 205.4101

23.0709, 17.0513,
40.3675

175.6832,
155.2719, 251.4724

14.7668, 10.2711,
27.5093

215.3669,
192.5960, 303.9523

8.7411, 5.5791,
17.7203

260.6172,
235.4679, 363.2683

4.6285, 2.5909,
10.5820

311.7995,

2.0635, 0.9221,

284.2719, 429.8390

5.6759

369.2790,
339.3925, 504.0829

■ 0.6692, 0.0000,
2.5834

■ 0.0000, 0.0000,
0.8839

■ 65.3067, 53.7652,
101.5434

■ 65.3067, 53.7652,
101.5434

■ 58.3560, 43.6040,
99.9485

■ 73.3139, 65.8590,
103.4557

■ 52.4020, 35.2613,
98.6520

■ 82.4234, 79.9775,
105.7008

■ 47.3861, 28.6213,
97.6347

■ 92.6839, 96.2150,
108.2941

■ 43.2410, 23.5518,
96.8746

95.0500, 100.0000,
108.9000

■ 39.8891, 19.9003,
96.3465

■ 37.2372, 17.4828,
96.0196

■ 35.5386, 16.2357,
95.8685

Harmonies

Analogous

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



56.4076, 53.7652, 123.0599



65.3067, 53.7652, 101.5434



70.6626, 53.7652, 71.3203

Triad

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



65.3067, 53.7652, 101.5434



55.3886, 53.7652, 21.3802



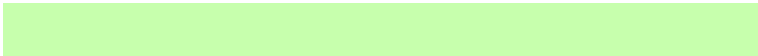
35.7345, 53.7652, 74.5023

Complementary

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



65.3067, 53.7652, 101.5434



66.8572, 86.6798, 52.7448

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.



35.5322, 53.7652, 47.3877



65.3067, 53.7652, 101.5434



46.1403, 53.7652, 21.7588

Square

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



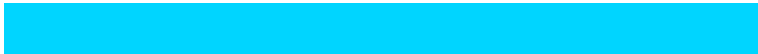
65.3067, 53.7652, 101.5434



64.4827, 53.7652, 28.5381



39.1229, 53.7652, 29.8028



39.7140, 53.7652, 104.4765

Rectangle

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



65.3067, 53.7652, 101.5434



71.1255, 53.7652, 52.8336



39.1229, 53.7652, 29.8028



35.2409, 53.7652, 64.6457

Sweetspot

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



65.3083, 53.7674, 101.5438



84.5356, 83.2944, 106.2297



56.0170, 57.5695, 102.7673



17.7979, 17.3630, 22.6633



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.



65.3083, 53.7674, 101.5438



60.4389, 46.6086, 100.4186



72.1117, 57.5199, 90.7828



18.1997, 17.9947, 22.7640



18.7315, 8.5669, 50.1009



1.9372, 0.8926, 4.8835

Inverse Universe

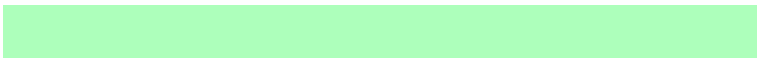
The Inverse Universe completely reimagines the original color for something new.



66.4936, 55.2727, 61.1986



62.0315, 48.4776, 53.1475



61.9291, 83.9786, 59.7746



18.2466, 18.0820, 19.9160



22.3814, 11.4418, 5.3929



2.2263, 1.1329, 0.7731

Previews

White Background



This preview shows how the XYZ color 65.3067, 53.7652, 101.5434 looks on a white background.

Color Contrast Check

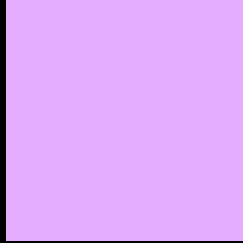
Large Text (above 18pt) WCAG AA × Fail

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 65.3067, 53.7652, 101.5434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

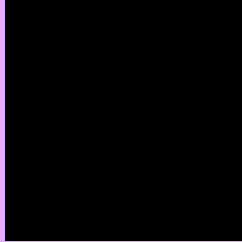
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.3067, 53.7652, 101.5434

Background



This preview shows how black text looks on a background with the XYZ color 65.3067, 53.7652, 101.5434.

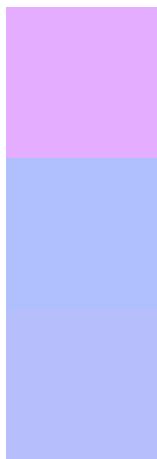


This preview shows how white text looks on a background with the XYZ color 65.3067, 53.7652,

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

65.3067, 53.7652, 101.5434

Protanopia

54.8041, 54.1494, 102.1711

Deuteranopia

55.4929, 54.2350, 99.6391



Tritanopia

56.9645, 53.6201, 61.3802

Trichromacy



Original Color

65.3067, 53.7652, 101.5434



Protanomaly

57.9046, 53.5200, 101.8862



Deuteranomaly

58.4233, 53.5149, 100.1787

Tritanomaly

59.5389, 53.4450, 74.1957

Monochromacy



Original Color

65.3067, 53.7652, 101.5434



Achromatopsia

54.2854, 57.1125, 62.1955



Achromatomaly

57.7780, 55.6430, 74.7128

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3067, 53.7652, 101.5434 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, 173, 255)` looks like.

```
.text, #text, p{  
    color:rgb(229, 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(229, 173, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 173, 255) }
```

Border

The CSS property to change the border of an element to XYZ 65.3067, 53.7652, 101.5434 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, 173, 255) }
```


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

```
.border{ border-color:rgb(229, 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(229, 173, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 173, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 173, 255);  
box-shadow:4px 4px 4px 4px rgb(229, 173,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3067, 53.7652, 101.5434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 173, 255) }
```

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

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