

Converting Colors

XYZ(67.7977, 56.8306,
137.4625)

Have a look what the booklet for
XYZ(67.7977, 56.8306, 137.4625)
contains.

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Color

**XYZ(61.0724, 54.2312,
101.8565)**

Conversions

Conversions Part 1

Format	Color
Hex	D1B6FF
RGB	209, 182, 255
RGB Percent	82%, 71%, 100%
CMY	0.1804, 0.2863, 0.0000
CMYK	0.18, 0.29, 0.00, 0.00
HSL	262°, 100%, 86%
HSV	262°, 29%, 100%
XYZ	61.0724, 54.2312, 101.8565
YIQ	198.3950, -7.3410, 28.4270

Conversions

Conversions Part 2

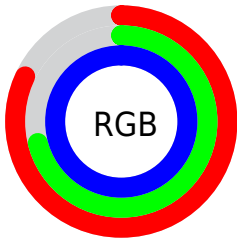
Format	Color
R _Y B	209, 182, 255
Decimal	13743871
CIE Lab	78.60, 23.72, -32.50
CIE LCh	79, 40.236, 306.115
Yxy	54.2312, 0.2812, 0.2497
Android (android.graphics.Color)	4291933951 (0xFFD1B6FF)
YUV	198.3950, 27.9063, 9.3006
Hunter-Lab	73.6418, 19.1598, -30.4567

Details

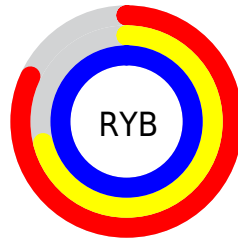
The XYZ color **61.0724, 54.2312, 101.8565** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **76.1995, 91.3919, 57.8826**, and the grayscale version is **53.7569, 56.5564, 61.5899**.

A 20% lighter version of the original color is **89.8645, 89.6291, 107.1715**, and **31.3697, 26.6478, 56.9162** is the 20% darker color. If you saturate the color by 10%, you get **51.9987, 42.4953, 100.0695**, and if you desaturate by 10%, it is **71.5587, 68.1094, 103.9826**.

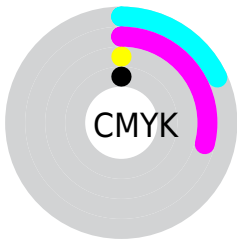
Distribution



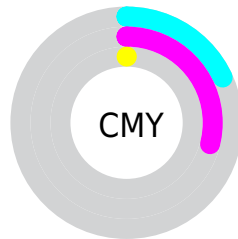
- Red (82%)
- Green (71%)
- Blue (100%)



- Red (82%)
- Yellow (71%)
- Blue (100%)



- Cyan (18%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.0724, 54.2312, 101.8565 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 61.0724, 54.2312, 101.8565 by changing the saturation by 10% instead.

61.0724, 54.2312,
101.8565

61.0724, 54.2312,
101.8565

418.3111,
402.9910, 587.4260

44.5364, 38.7865,
77.2264

105.4813, 96.4136,
165.7802

31.2921, 26.5937,
56.9260

134.0848,
123.9202, 205.9108

20.9743, 17.2683,
40.5369

167.4416,
156.2161, 252.0454

13.2176, 10.4260,
27.6404

205.9169,
193.6859, 304.6024

7.6566, 5.6823,
17.8181

249.8762,
236.7139, 364.0004

3.9259, 2.6529,
10.6514

299.6847,

1.6603, 0.9533,

285.6845, 430.6580

5.7217

355.7079,
340.9821, 504.9937

■ 0.4312, 0.0000,
2.6106

■ 0.0000, 0.0000,
0.8979

■ 61.0724, 54.2312,
101.8565

■ 61.0724, 54.2312,
101.8565

■ 51.9987, 42.4953,
100.0695

■ 71.5587, 68.1094,
103.9826

■ 44.2677, 32.7851,
98.6027

■ 83.5135, 84.2257,
106.4633

■ 37.8101, 24.9822,
97.4370

95.0500, 100.0000,
108.9000

■ 32.5482, 18.9530,
96.5506

■ 28.3944, 14.5460,
95.9189

■ 25.2470, 11.5826,
95.5127

■ 22.9670, 9.8113,
95.2910

■ 22.6984, 9.6163,
95.2675

Harmonies

Analogous

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



53.1877, 54.2312, 114.0329



61.0724, 54.2312, 101.8565



66.7946, 54.2312, 78.5705

Triad

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



61.0724, 54.2312, 101.8565



57.9741, 54.2312, 27.4251



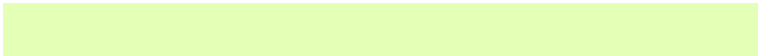
37.8124, 54.2312, 63.8270

Complementary

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



61.0724, 54.2312, 101.8565



76.1995, 91.3919, 57.8826

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.



38.8135, 54.2312, 43.0619



61.0724, 54.2312, 101.8565



49.9368, 54.2312, 25.3825

Square

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



61.0724, 54.2312, 101.8565



64.8813, 54.2312, 36.8543



43.0641, 54.2312, 30.3127



40.1744, 54.2312, 88.7337

Rectangle

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



61.0724, 54.2312, 101.8565



68.3177, 54.2312, 62.0597



43.0641, 54.2312, 30.3127



37.7704, 54.2312, 56.1364

Sweetspot

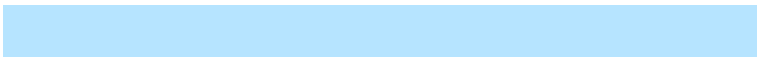
The Sweet Spot groups the original color and five complimentary colors.



61.0740, 54.2334, 101.8569



83.0389, 83.5810, 106.3639



65.1505, 72.7818, 105.2222



17.3832, 17.3600, 22.6846



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.



61.0740, 54.2334, 101.8569



56.0256, 47.6661, 100.8553



72.5283, 60.1383, 102.3929



17.6375, 17.7049, 22.7377



12.0107, 5.1022, 49.7864



1.2851, 0.5564, 4.8529

Inverse Universe

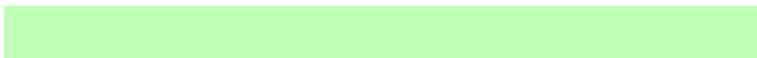
The Inverse Universe completely reimagines the original color for something new.



71.9727, 60.3192, 81.2496



68.6084, 54.7003, 76.7070



65.8757, 86.0698, 57.3994



18.4910, 18.1797, 21.2026



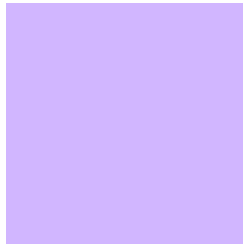
24.9703, 12.4774, 19.0257



2.4841, 1.2360, 2.1305

Previews

White Background



This preview shows how the XYZ color 61.0724, 54.2312, 101.8565 looks on a white background.

Color Contrast Check

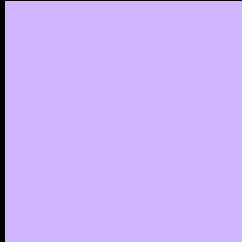
Large Text (above 18pt) WCAG AA × Fail

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 61.0724, 54.2312, 101.8565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

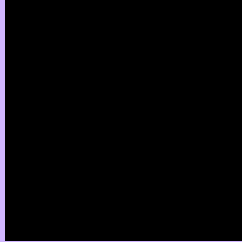
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.0724, 54.2312, 101.8565

Background



This preview shows how black text looks on a background with the XYZ color 61.0724, 54.2312, 101.8565.

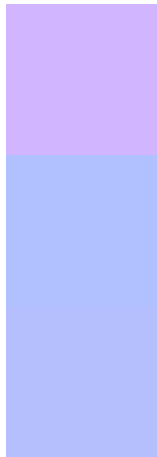


This preview shows how white text looks on a background with the XYZ color 61.0724, 54.2312,

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

61.0724, 54.2312, 101.8565

Protanopia

55.0311, 54.2664, 102.1818

Deuteranopia

55.6518, 54.2985, 100.4760



Tritanopia

53.8588, 54.1353, 66.0030

Trichromacy



Original Color

61.0724, 54.2312, 101.8565

Protanomaly

57.0195, 54.0053, 102.0265

Deuteranomaly

57.6108, 54.3287, 101.2160

Tritanomaly

56.3396, 54.1856, 78.0105

Monochromacy



Original Color

61.0724, 54.2312, 101.8565

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

55.9929, 55.3703, 74.7542

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0724, 54.2312, 101.8565 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(209, 182, 255)` looks like.

```
.text, #text, p{  
    color:rgb(209, 182, 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(209, 182, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 182, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.0724, 54.2312, 101.8565 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(209, 182, 255) }
```


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

```
.border{ border-color:rgb(209, 182, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 182, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 182, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 182, 255);  
box-shadow:4px 4px 4px 4px rgb(209, 182,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0724, 54.2312, 101.8565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 182, 255) }
```

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

```
.background{ background-color: rgb(209,  
182, 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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