

Converting Colors

XYZ(57.4462, 46.3593,
100.5282)

Have a look what the booklet for
XYZ(57.4462, 46.3593, 100.5282)
contains.

XYZ(57.3732, 46.4114, 100.5421)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(57.3732, 46.4114,
100.5421)**

Conversions

Conversions Part 1

Format	Color
Hex	D2A1FF
RGB	210, 161, 255
RGB Percent	82%, 63%, 100%
CMY	0.1765, 0.3686, 0.0000
CMYK	0.18, 0.37, 0.00, 0.00
HSL	271°, 100%, 82%
HSV	271°, 37%, 100%
XYZ	57.3732, 46.4114, 100.5421
YIQ	186.3670, -0.9700, 39.6220

Conversions

Conversions Part 2

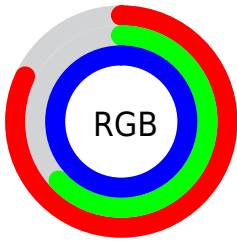
Format	Color
R _Y B	210, 161, 255
Decimal	13804031
CIE Lab	73.81, 35.45, -39.91
CIE LCh	74, 53.377, 311.610
Yxy	46.4114, 0.2808, 0.2271
Android (android.graphics.Color)	4291994111 (0xFFD2A1FF)
YUV	186.3670, 33.8361, 20.7261
Hunter-Lab	68.1259, 31.1059, -39.8137

Details

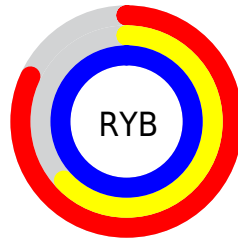
The XYZ color **57.3732, 46.4114, 100.5421** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **67.6475, 87.2154, 46.9891**, and the grayscale version is **46.6958, 49.1276, 53.4999**.

A 20% lighter version of the original color is **83.8459, 77.5917, 105.1653**, and **28.9881, 21.8845, 56.1224** is the 20% darker color. If you saturate the color by 10%, you get **50.0192, 36.6670, 99.0489**, and if you desaturate by 10%, it is **65.9039, 58.1134, 102.3512**.

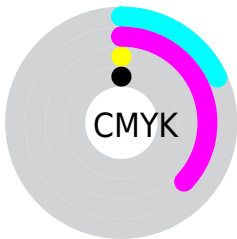
Distribution



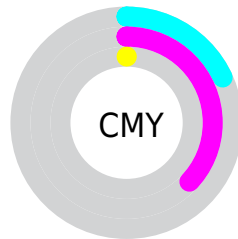
- Red (82%)
- Green (63%)
- Blue (100%)



- Red (82%)
- Yellow (63%)
- Blue (100%)



- Cyan (18%)
- Magenta (37%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (37%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.3732, 46.4114, 100.5421 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 57.3732, 46.4114, 100.5421 by changing the saturation by 10% instead.

57.3732, 46.4114,
100.5421

57.3732, 46.4114,
100.5421

404.8379,
372.4602, 583.1908

41.5463, 32.5706,
76.1339

100.1378, 84.8344,
163.9603

28.9357, 21.7977,
56.0350

127.8061,
110.1853, 203.8075

19.1762, 13.7083,
39.8268

160.1522,
140.1417, 249.6380

11.9025, 7.9181,
27.0908

197.5415,
175.0881, 301.8705

6.7490, 4.0426,
17.4084

240.3394,
215.4087, 360.9235

3.3506, 1.6974,
10.3611

288.9112,

1.3417, 0.4220,

261.4880, 427.2155

5.5303

343.6222,
313.7103, 501.1651

■ 0.2141, 0.0000,
2.4975

■ 0.0000, 0.0000,
0.8388

■ 57.3732, 46.4114,
100.5421

■ 57.3732, 46.4114,
100.5421

■ 50.0192, 36.6670,
99.0489

■ 65.9039, 58.1134,
102.3512

■ 43.7761, 28.7603,
97.8518

■ 75.6634, 71.8722,
104.4926

■ 38.5775, 22.5669,
96.9303

■ 86.7059, 87.7868,
106.9824

■ 34.3471, 17.9434,
96.2609

95.0500, 100.0000,
108.9000

■ 30.9962, 14.7223,
95.8157

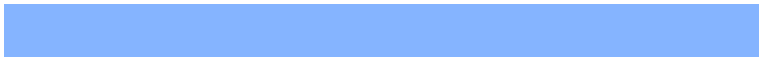
■ 28.4139, 12.6917,
95.5599

■ 27.7113, 12.2006,
95.5021

Harmonies

Analogous

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



47.8878, 46.4114, 120.9531



57.3732, 46.4114, 100.5421



63.7923, 46.4114, 68.8785

Triad

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



57.3732, 46.4114, 100.5421



50.1233, 46.4114, 15.3967



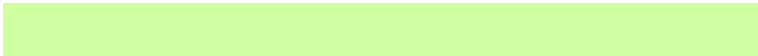
28.5442, 46.4114, 61.7978

Complementary

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



57.3732, 46.4114, 100.5421



67.6475, 87.2154, 46.9891

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.



28.9641, 46.4114, 35.7755



57.3732, 46.4114, 100.5421



40.5413, 46.4114, 14.6838

Square

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



57.3732, 46.4114, 100.5421



59.2105, 46.4114, 23.1689



33.0711, 46.4114, 20.6666



31.8278, 46.4114, 93.7867

Rectangle

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



57.3732, 46.4114, 100.5421



64.9821, 46.4114, 49.0798



33.0711, 46.4114, 20.6666



28.2712, 46.4114, 52.0169

Sweetspot

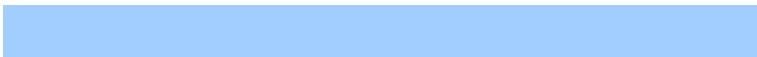
The Sweet Spot groups the original color and five complimentary colors.



57.3747, 46.4132, 100.5424



81.9766, 80.9324, 105.9086



54.9251, 59.1501, 103.1300



17.2253, 16.8599, 22.5964



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.



57.3747, 46.4132, 100.5424



52.0073, 39.2624, 99.4450



71.7844, 53.8707, 99.9056



17.9065, 17.8435, 22.7503



14.6534, 6.4646, 49.9101



1.5530, 0.6945, 4.8655

Inverse Universe

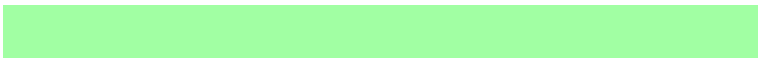
The Inverse Universe completely reimagines the original color for something new.



65.1264, 51.2076, 64.8452



61.0547, 44.8538, 57.9705



57.0313, 81.7265, 47.2180



18.3715, 18.1319, 20.5737



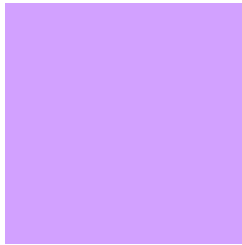
23.4612, 11.8738, 11.0788



2.3391, 1.1780, 1.3674

Previews

White Background



This preview shows how the XYZ color 57.3732, 46.4114, 100.5421 looks on a white background.

Color Contrast Check

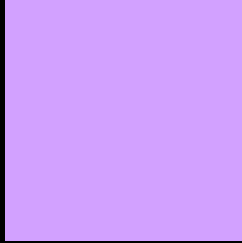
Large Text (above 18pt) WCAG AA × Fail

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 57.3732, 46.4114, 100.5421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

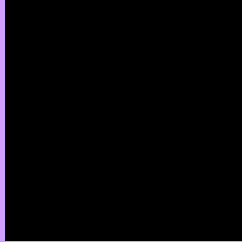
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.3732, 46.4114, 100.5421

Background



This preview shows how black text looks on a background with the XYZ color 57.3732, 46.4114, 100.5421.



This preview shows how white text looks on a background with the XYZ color 57.3732, 46.4114,

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

57.3732, 46.4114, 100.5421

Protanopia

48.0747, 46.6283, 101.0741

Deuteranopia

47.8308, 46.5762, 97.7359



Tritanopia

47.9603, 46.4329, 54.0116

Trichromacy



Original Color

57.3732, 46.4114, 100.5421



Protanomaly

50.7070, 45.9552, 100.8054



Deuteranomaly

50.6833, 45.9983, 98.3027

Tritanomaly

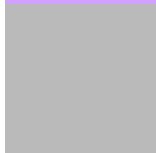
50.8870, 46.1994, 68.5227

Monochromacy



Original Color

57.3732, 46.4114, 100.5421



Achromatopsia

46.6715, 49.1021, 53.4722



Achromatomaly

49.9857, 47.7495, 68.2101

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3732, 46.4114, 100.5421 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(210, 161, 255)` looks like.

```
.text, #text, p{  
    color:rgb(210, 161, 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(210, 161, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 161, 255) }
```

Border

The CSS property to change the border of an element to XYZ 57.3732, 46.4114, 100.5421 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(210, 161, 255) }
```


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

```
.border{ border-color:rgb(210, 161, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 161, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 161, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 161, 255);  
box-shadow:4px 4px 4px 4px rgb(210, 161,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3732, 46.4114, 100.5421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 161, 255) }
```

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

```
.background{ background-color: rgb(210,  
161, 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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