

Converting Colors

XYZ(60.0079, 50.9855,
115.1649)

Have a look what the booklet for
XYZ(60.0079, 50.9855, 115.1649)
contains.

| | |
|--|----|
| XYZ(57.2734, 49.9096, 101.2226) | 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(57.2734, 49.9096,
101.2226)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | C9AEFF |
| RGB | 201, 174, 255 |
| RGB Percent | 79%, 68%, 100% |
| CMY | 0.2118, 0.3176, 0.0000 |
| CMYK | 0.21, 0.32, 0.00, 0.00 |
| HSL | 260°, 100%, 84% |
| HSV | 260°, 32%, 100% |
| XYZ | 57.2734, 49.9096, 101.2226 |
| YIQ | 191.3070, -9.9090, 30.9150 |

Conversions

Conversions Part 2

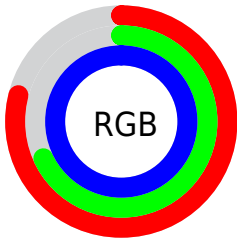
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 201, 174, 255 |
| Decimal | 13217535 |
| CIE _{Lab} | 76.01, 25.71, -36.55 |
| CIE _{LCh} | 76, 44.687, 305.122 |
| Yxy | 49.9096, 0.2748, 0.2395 |
| Android (android.graphics.Color) | 4291407615 (0xFFC9AEFF) |
| YUV | 191.3070, 31.4006, 8.5008 |
| Hunter-Lab | 70.6467, 21.0784, -35.4980 |

Details

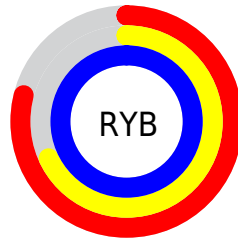
The XYZ color **57.2734, 49.9096, 101.2226** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **75.3957, 91.0704, 53.6510**, and the grayscale version is **49.5283, 52.1076, 56.7452**.

A 20% lighter version of the original color is **87.5868, 85.0736, 106.4123**, and **28.8845, 23.8630, 56.5097** is the 20% darker color. If you saturate the color by 10%, you get **48.4869, 38.7490, 99.5315**, and if you desaturate by 10%, it is **67.5038, 63.2050, 103.2497**.

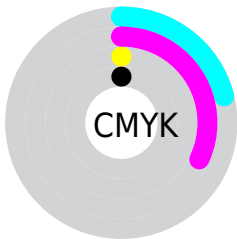
Distribution



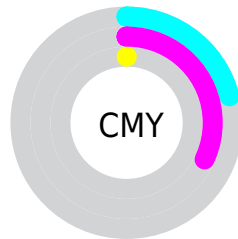
- Red (79%)
- Green (68%)
- Blue (100%)



- Red (79%)
- Yellow (68%)
- Blue (100%)



- Cyan (21%)
- Magenta (32%)
- Yellow (0%)
- Black (0%)





- Cyan (21%)
- Magenta (32%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.2734, 49.9096, 101.2226 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 57.2734, 49.9096, 101.2226 by changing the saturation by 10% instead.


 57.2734, 49.9096,
101.2226

 57.2734, 49.9096,
101.2226


404.4706,
386.3123, 585.3855

 41.4658, 35.3416,
76.6994

 99.9931, 90.0409,
164.9028

 28.8725, 23.9261,
56.4961


127.6358,
116.3730, 204.8969

 19.1282, 15.2788,
40.1942


159.9543,
147.3952, 250.8851

 11.8675, 9.0153,
27.3750

197.3139,
183.4920, 303.2858

 6.7251, 4.7512,
17.6202

240.0800,
225.0477, 362.5177

 3.3356, 2.1020,
10.5110

288.6179,

 1.3336, 0.6658,

272.4467, 428.9992

5.6291

343.2930,
326.0735, 503.1490

■ 0.2082, 0.0000,
2.5558

■ 0.0000, 0.0000,
0.8695

■ 57.2734, 49.9096,
101.2226

■ 57.2734, 49.9096,
101.2226

■ 48.4869, 38.7490,
99.5315

■ 67.5038, 63.2050,
103.2497

■ 41.0704, 29.6027,
98.1570

■ 79.2382, 78.7353,
105.6289

■ 34.9496, 22.3471,
97.0791

■ 92.5383, 96.6009,
108.3763

■ 30.0409, 16.8420,
96.2752

■ 95.0500, 100.0000,
108.9000

■ 26.2496, 12.9268,
95.7194

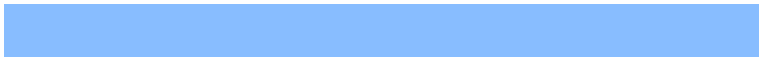
■ 23.4641, 10.4093,
95.3802

■ 21.7963, 9.1513,
95.2253

Harmonies

Analogous

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



48.8834, 49.9096, 114.1139



57.2734, 49.9096, 101.2226



63.5218, 49.9096, 76.0419

Triad

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



57.2734, 49.9096, 101.2226



54.5080, 49.9096, 22.4217



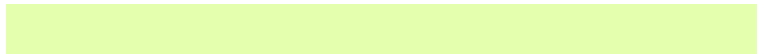
33.1922, 49.9096, 58.5464

Complementary

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



57.2734, 49.9096, 101.2226



75.3957, 91.0704, 53.6510

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.



34.3272, 49.9096, 37.2229



57.2734, 49.9096, 101.2226



46.0205, 49.9096, 20.2366

Square

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



57.2734, 49.9096, 101.2226



61.7986, 49.9096, 31.9737



38.7977, 49.9096, 24.7713



35.4939, 49.9096, 85.2752

Rectangle

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



57.2734, 49.9096, 101.2226



65.2748, 49.9096, 58.3426



38.7977, 49.9096, 24.7713



33.1875, 49.9096, 50.5306

Sweetspot

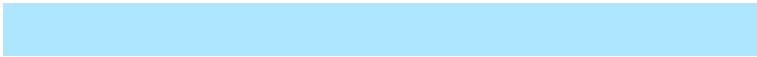
The Sweet Spot groups the original color and five complimentary colors.



57.2749, 49.9115, 101.2229



81.4677, 81.7129, 106.0861



63.6231, 72.4524, 105.2392



17.0562, 16.9806, 22.6286



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.



57.2749, 49.9115, 101.2229



51.6292, 42.7066, 100.1298



69.1732, 56.0453, 101.7797



17.5735, 17.6718, 22.7347



11.5296, 4.8542, 49.7639



1.2329, 0.5295, 4.8505

Inverse Universe

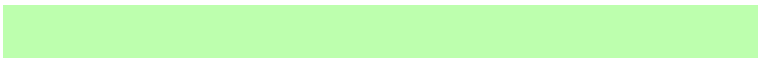
The Inverse Universe completely reimagines the original color for something new.



70.3806, 57.1352, 80.7186



66.7628, 51.0594, 75.9369



64.3503, 85.3762, 53.1341



18.5201, 18.1914, 21.3562



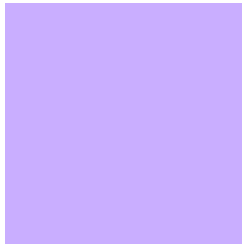
25.4122, 12.6542, 21.3531



2.5251, 1.2524, 2.3464

Previews

White Background



This preview shows how the XYZ color 57.2734, 49.9096, 101.2226 looks on a white background.

Color Contrast Check

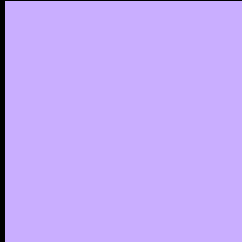
Large Text (above 18pt) WCAG AA × Fail

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 57.2734, 49.9096, 101.2226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

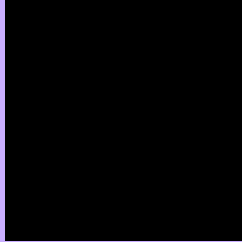
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.2734, 49.9096, 101.2226

Background



This preview shows how black text looks on a background with the XYZ color 57.2734, 49.9096, 101.2226.



This preview shows how white text looks on a background with the XYZ color 57.2734, 49.9096,

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

57.2734, 49.9096, 101.2226

Protanopia

51.3353, 50.1334, 101.5788

Deuteranopia

51.4408, 50.2248, 99.9116



Tritanopia

49.1436, 49.8978, 61.0739

Trichromacy



Original Color

57.2734, 49.9096, 101.2226

Protanomaly

53.1643, 49.8515, 101.4280

Deuteranomaly

53.4693, 50.0273, 100.6040

Tritanomaly

51.8157, 49.7643, 73.8923

Monochromacy



Original Color

57.2734, 49.9096, 101.2226

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

51.9922, 51.1551, 70.7520

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.2734, 49.9096, 101.2226 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(201, 174, 255)` looks like.

```
.text, #text, p{  
    color:rgb(201, 174, 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(201, 174, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 174, 255) }
```

Border

The CSS property to change the border of an element to XYZ 57.2734, 49.9096, 101.2226 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(201, 174, 255) }
```


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

```
.border{ border-color:rgb(201, 174, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 174, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 174, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 174, 255);  
box-shadow:4px 4px 4px 4px rgb(201, 174,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 57.2734, 49.9096, 101.2226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 174, 255) }
```

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

```
.background{ background-color: rgb(201,  
174, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor