

Converting Colors

XYZ(60.1510, 50.9604,
101.2738)

Have a look what the booklet for
XYZ(60.1510, 50.9604, 101.2738)
contains.

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Color

**XYZ(59.9539, 50.7221,
101.2382)**

Conversions

Conversions Part 1

Format	Color
Hex	D4ACFF
RGB	212, 172, 255
RGB Percent	83%, 67%, 100%
CMY	0.1686, 0.3255, 0.0000
CMYK	0.17, 0.33, 0.00, 0.00
HSL	269°, 100%, 84%
HSV	269°, 33%, 100%
XYZ	59.9539, 50.7221, 101.2382
YIQ	193.4220, -2.8030, 34.2930

Conversions

Conversions Part 2

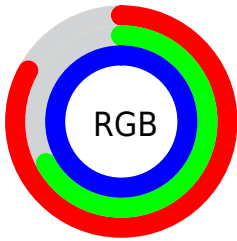
Format	Color
R _Y B	212, 172, 255
Decimal	13937919
CIE Lab	76.51, 30.06, -35.70
CIE LCh	77, 46.671, 310.091
Yxy	50.7221, 0.2829, 0.2394
Android (android.graphics.Color)	4292127999 (0xFFD4ACFF)
YUV	193.4220, 30.3580, 16.2929
Hunter-Lab	71.2194, 25.6307, -34.4269

Details

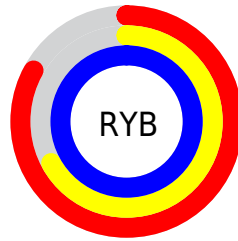
The XYZ color **59.9539, 50.7221, 101.2382** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **71.2317, 88.9461, 52.4459**, and the grayscale version is **50.7663, 53.4101, 58.1636**.

A 20% lighter version of the original color is **87.0334, 83.9668, 106.2278**, and **30.5002, 24.3388, 56.5164** is the 20% darker color. If you saturate the color by 10%, you get **51.9048, 40.0473, 99.6020**, and if you desaturate by 10%, it is **69.2488, 63.4238, 103.1999**.

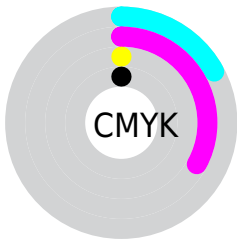
Distribution



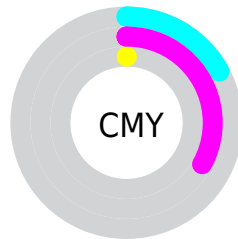
- Red (83%)
- Green (67%)
- Blue (100%)



- Red (83%)
- Yellow (67%)
- Blue (100%)



- Cyan (17%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)



- Cyan (17%)
- Magenta (33%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.9539, 50.7221, 101.2382 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 59.9539, 50.7221, 101.2382 by changing the saturation by 10% instead.

■ 59.9539, 50.7221,
101.2382

■ 59.9539, 50.7221,
101.2382

414.2653,
389.4831, 585.4358

■ 43.6308, 35.9875,
76.7124

■ 103.8695, 91.2439,
164.9244

■ 30.5770, 24.4245,
56.5067

132.1927,
117.7998, 204.9219

■ 20.4272, 15.6488,
40.2026

165.2467,
149.0650, 250.9136

■ 12.8160, 9.2760,
27.3816

203.3968,
185.4238, 303.3182

■ 7.3781, 4.9216,
17.6250

247.0083,
227.2606, 362.5542

■ 3.7481, 2.2014,
10.5145

296.4467,

■ 1.5606, 0.7207,

274.9598, 429.0401

5.6313

352.0772,
328.9059, 503.1944

■ 0.3665, 0.0000,
2.5571

■ 0.0000, 0.0000,
0.8702

■ 59.9539, 50.7221,
101.2382

■ 59.9539, 50.7221,
101.2382

■ 51.9048, 40.0473,
99.6020

■ 69.2488, 63.4238,
103.1999

■ 45.0359, 31.2825,
98.2722

■ 79.8413, 78.2483,
105.5031

■ 39.2824, 24.3082,
97.2293

■ 91.7854, 95.2927,
108.1635

■ 34.5701, 18.9881,
96.4508

95.0500, 100.0000,
108.9000

■ 30.8145, 15.1655,
95.9109

■ 27.9145, 12.6511,
95.5784

■ 26.2030, 11.4230,
95.4316

Harmonies

Analogous

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



51.2371, 50.7221, 118.0289



59.9539, 50.7221, 101.2382



65.9419, 50.7221, 73.4362

Triad

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



59.9539, 50.7221, 101.2382



54.2070, 50.7221, 21.0355



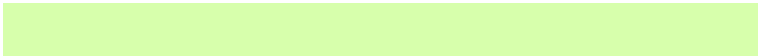
33.3905, 50.7221, 64.1651

Complementary

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



59.9539, 50.7221, 101.2382



71.2317, 88.9461, 52.4459

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.



33.9809, 50.7221, 40.3092



59.9539, 50.7221, 101.2382



45.3042, 50.7221, 19.9272

Square

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



59.9539, 50.7221, 101.2382



62.3543, 50.7221, 29.5200



38.1092, 50.7221, 25.8220



36.3845, 50.7221, 92.7024

Rectangle

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



59.9539, 50.7221, 101.2382



67.1964, 50.7221, 55.1507



38.1092, 50.7221, 25.8220



33.1859, 50.7221, 55.3048

Sweetspot

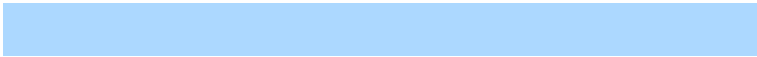
The Sweet Spot groups the original color and five complimentary colors.



59.9554, 50.7241, 101.2385



82.7535, 82.3757, 106.1463



59.6890, 65.2407, 104.0545



17.3664, 17.1405, 22.6431



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.



59.9554, 50.7241, 101.2385



54.6221, 43.6099, 100.1464



73.0328, 57.4658, 101.8505



17.8361, 17.8072, 22.7470



13.8621, 6.0566, 49.8730



1.4751, 0.6544, 4.8618

Inverse Universe

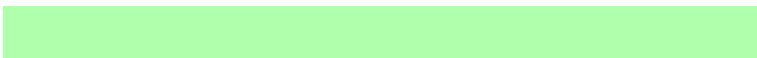
The Inverse Universe completely reimagines the original color for something new.



68.2593, 55.6731, 71.4395



64.3244, 49.3947, 65.2215



60.8346, 83.5862, 51.9593



18.4024, 18.1443, 20.7359



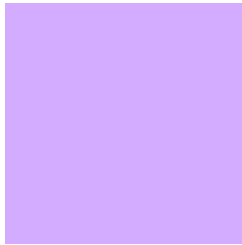
23.8048, 12.0112, 12.8884



2.3730, 1.1916, 1.5457

Previews

White Background



This preview shows how the XYZ color 59.9539, 50.7221, 101.2382 looks on a white background.

Color Contrast Check

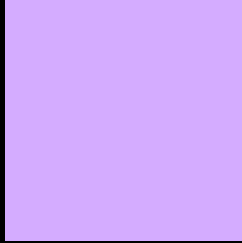
Large Text (above 18pt) WCAG AA × Fail

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 59.9539, 50.7221, 101.2382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

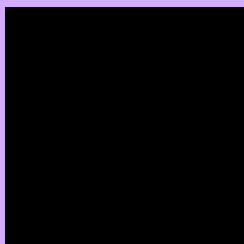
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.9539, 50.7221, 101.2382

Background



This preview shows how black text looks on a background with the XYZ color 59.9539, 50.7221, 101.2382.



This preview shows how white text looks on a background with the XYZ color 59.9539, 50.7221,

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

59.9539, 50.7221, 101.2382

Protanopia

52.1825, 51.1957, 101.7392

Deuteranopia

52.1429, 50.9167, 99.1752



Tritanopia

51.4836, 50.5007, 60.4602

Trichromacy



Original Color

59.9539, 50.7221, 101.2382

Protanomaly

54.7855, 50.9902, 101.5623

Deuteranomaly

54.7470, 50.7044, 99.8300

Tritanomaly

54.3599, 50.4765, 73.8957

Monochromacy



Original Color

59.9539, 50.7221, 101.2382

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

53.5630, 51.9352, 72.1672

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9539, 50.7221, 101.2382 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(212, 172, 255)` looks like.

```
.text, #text, p{  
    color:rgb(212, 172, 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(212, 172, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 172, 255) }
```

Border

The CSS property to change the border of an element to XYZ 59.9539, 50.7221, 101.2382 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(212, 172, 255) }
```


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

```
.border{ border-color:rgb(212, 172, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 172, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 172, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 172, 255);  
box-shadow:4px 4px 4px 4px rgb(212, 172,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9539, 50.7221, 101.2382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 172, 255) }
```

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

```
.background{ background-color: rgb(212,  
172, 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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