

Converting Colors

XYZ(61.8689, 53.5975,
101.6917)

Have a look what the booklet for
XYZ(61.8689, 53.5975, 101.6917)
contains.

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Color

**XYZ(61.9017, 53.7563,
101.7212)**

Conversions

Conversions Part 1

Format	Color
Hex	D6B3FF
RGB	214, 179, 255
RGB Percent	84%, 70%, 100%
CMY	0.1608, 0.2980, 0.0000
CMYK	0.16, 0.30, 0.00, 0.00
HSL	268°, 100%, 85%
HSV	268°, 30%, 100%
XYZ	61.9017, 53.7563, 101.7212
YIQ	198.1290, -3.5360, 31.0560

Conversions

Conversions Part 2

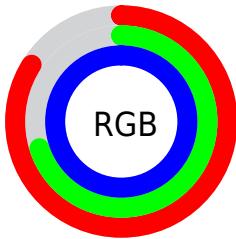
Format	Color
R _Y B	214, 179, 255
Decimal	14070783
CIE Lab	78.32, 26.85, -32.90
CIE LCh	78, 42.464, 309.225
Yxy	53.7563, 0.2848, 0.2473
Android (android.graphics.Color)	4292260863 (0xFFD6B3FF)
YUV	198.1290, 28.0374, 13.9189
Hunter-Lab	73.3187, 22.3968, -30.9349

Details

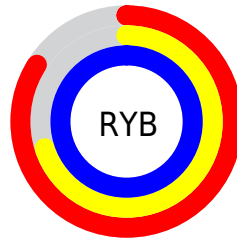
The XYZ color **61.9017, 53.7563, 101.7212** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **73.4127, 89.9907, 56.1507**, and the grayscale version is **53.5928, 56.3838, 61.4020**.

A 20% lighter version of the original color is **88.9983, 87.8967, 106.8828**, and **31.7544, 26.2680, 56.8227** is the 20% darker color. If you saturate the color by 10%, you get **53.4092, 42.4812, 99.9925**, and if you desaturate by 10%, it is **71.6815, 67.1004, 103.7814**.

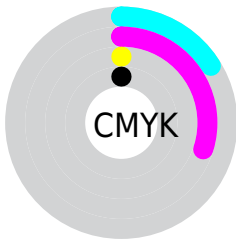
Distribution



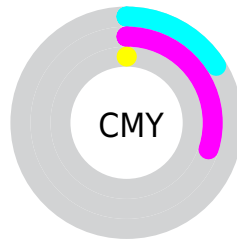
- Red (84%)
- Green (70%)
- Blue (100%)



- Red (84%)
- Yellow (70%)
- Blue (100%)



- Cyan (16%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (30%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.9017, 53.7563, 101.7212 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 61.9017, 53.7563, 101.7212 by changing the saturation by 10% instead.

61.9017, 53.7563,
101.7212

61.9017, 53.7563,
101.7212

421.2957,
401.1800, 586.9908

45.2086, 38.4069,
77.1139

106.6742, 95.7163,
165.5930

31.8237, 26.2986,
56.8342

135.4843,
123.0957, 205.6945

21.3818, 17.0472,
40.4637

169.0640,
155.2539, 251.7978

13.5174, 10.2681,
27.5837

207.7788,
192.5752, 304.3215

7.8652, 5.5771,
17.7758

251.9941,
235.4441, 363.6841

4.0599, 2.5897,
10.6214

302.0750,

1.7361, 0.9215,

284.2449, 430.3042

5.7019

358.3871,
339.3621, 504.6002

■ 0.4787, 0.0000,
2.5988

■ 0.0000, 0.0000,
0.8919

■ 61.9017, 53.7563,
101.7212

■ 61.9017, 53.7563,
101.7212

■ 53.4092, 42.4812,
99.9925

■ 71.6815, 67.1004,
103.7814

■ 46.1387, 33.1600,
98.5765

■ 82.7999, 82.6076,
106.1886

■ 40.0258, 25.6760,
97.4541

95.0500, 100.0000,
108.9000

■ 34.9977, 19.8969,
96.6037

■ 30.9720, 15.6718,
96.0003

■ 27.8516, 12.8214,
95.6146

■ 25.4871, 11.0621,
95.3996

■ 25.4448, 11.0322,
95.3961

Harmonies

Analogous

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



53.7037, 53.7563, 116.4584



61.9017, 53.7563, 101.7212



67.5726, 53.7563, 76.3477

Triad

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



61.9017, 53.7563, 101.7212



56.9854, 53.7563, 25.2755



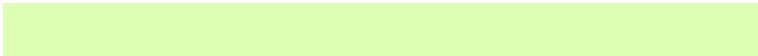
36.8639, 53.7563, 66.1945

Complementary

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



61.9017, 53.7563, 101.7212



73.4127, 89.9907, 56.1507

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.



37.5387, 53.7563, 43.7279



61.9017, 53.7563, 101.7212



48.5697, 53.7563, 23.9355

Square

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



61.9017, 53.7563, 101.7212



64.5269, 53.7563, 34.0602



41.6233, 53.7563, 29.7121



39.6676, 53.7563, 92.5788

Rectangle

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



61.9017, 53.7563, 101.7212



68.8328, 53.7563, 59.1535



41.6233, 53.7563, 29.7121



36.6987, 53.7563, 57.9138

Sweetspot

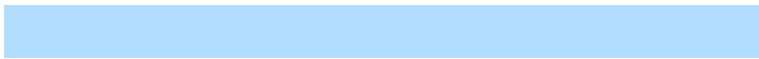
The Sweet Spot groups the original color and five complimentary colors.



61.9033, 53.7584, 101.7215



83.7516, 83.9484, 106.3972



62.4456, 68.4126, 104.5215



17.5583, 17.4503, 22.6928



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.



61.9033, 53.7584, 101.7215



56.4913, 46.5325, 100.6120



74.0268, 60.0083, 102.2889



17.7980, 17.7876, 22.7452



13.4633, 5.8511, 49.8544



1.4352, 0.6338, 4.8600

Inverse Universe

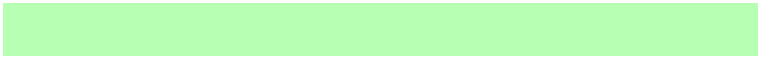
The Inverse Universe completely reimagines the original color for something new.



70.2794, 58.6693, 75.3313



66.3478, 52.3155, 69.3677



63.3790, 84.8181, 55.6812



18.4192, 18.1510, 20.8245



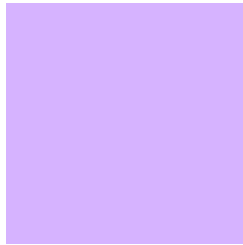
24.0057, 12.0916, 13.9462



2.3925, 1.1994, 1.6485

Previews

White Background



This preview shows how the XYZ color 61.9017, 53.7563, 101.7212 looks on a white background.

Color Contrast Check

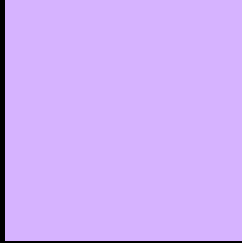
Large Text (above 18pt) WCAG AA × Fail

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 61.9017, 53.7563, 101.7212 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 61.9017, 53.7563, 101.7212

Background



This preview shows how black text looks on a background with the XYZ color 61.9017, 53.7563, 101.7212.

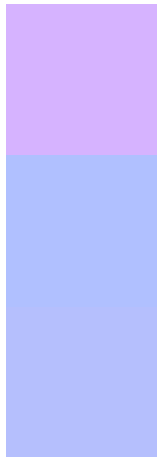


This preview shows how white text looks on a background with the XYZ color 61.9017, 53.7563,

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

61.9017, 53.7563, 101.7212

Protanopia

54.8041, 54.1494, 102.1711

Deuteranopia

55.4165, 54.1772, 100.4650



Tritanopia

54.2735, 53.7340, 64.6379

Trichromacy



Original Color

61.9017, 53.7563, 101.7212

Protanomaly

57.0555, 53.7078, 101.9672

Deuteranomaly

57.6520, 54.0339, 101.1569

Tritanomaly

56.6807, 53.4355, 77.1387

Monochromacy



Original Color

61.9017, 53.7563, 101.7212

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

56.3188, 55.2134, 74.7068

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9017, 53.7563, 101.7212 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(214, 179, 255)` looks like.

```
.text, #text, p{  
    color:rgb(214, 179, 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(214, 179, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 179, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.9017, 53.7563, 101.7212 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(214, 179, 255) }
```


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

```
.border{ border-color:rgb(214, 179, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 179, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 179, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 179, 255);  
box-shadow:4px 4px 4px 4px rgb(214, 179,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9017, 53.7563, 101.7212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 179, 255) }
```

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

```
.background{ background-color: rgb(214,  
179, 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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