

Converting Colors

XYZ(61.5098, 55.3583,
102.0510)

Have a look what the booklet for
XYZ(61.5098, 55.3583, 102.0510)
contains.

XYZ(61.4114, 55.3278, 102.0503)	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(61.4114, 55.3278,
102.0503)**

Conversions

Conversions Part 1

Format	Color
Hex	D0B9FF
RGB	208, 185, 255
RGB Percent	82%, 73%, 100%
CMY	0.1843, 0.2745, 0.0000
CMYK	0.18, 0.27, 0.00, 0.00
HSL	260°, 100%, 86%
HSV	260°, 27%, 100%
XYZ	61.4114, 55.3278, 102.0503
YIQ	199.8570, -8.7620, 26.6460

Conversions

Conversions Part 2

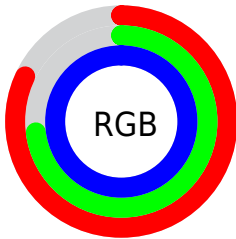
Format	Color
R _Y B	208, 185, 255
Decimal	13679103
CIE Lab	79.23, 21.78, -31.54
CIE LCh	79, 38.328, 304.633
Yxy	55.3278, 0.2807, 0.2529
Android (android.graphics.Color)	4291869183 (0xFFD0B9FF)
YUV	199.8570, 27.1855, 7.1414
Hunter-Lab	74.3827, 17.2025, -29.2759

Details

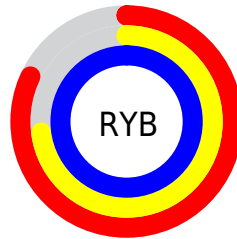
The XYZ color **61.4114, 55.3278, 102.0503** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **77.7966, 92.1790, 59.5933**, and the grayscale version is **54.6551, 57.5015, 62.6191**.

A 20% lighter version of the original color is **90.7453, 91.3906, 107.4651**, and **31.5812, 27.3520, 57.0410** is the 20% darker color. If you saturate the color by 10%, you get **51.9911, 43.2510, 100.2158**, and if you desaturate by 10%, it is **72.3114, 69.5901, 104.2288**.

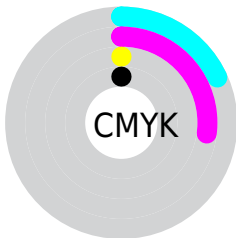
Distribution



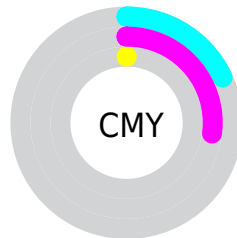
- Red (82%)
- Green (73%)
- Blue (100%)



- Red (82%)
- Yellow (73%)
- Blue (100%)



- Cyan (18%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.4114, 55.3278, 102.0503 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 61.4114, 55.3278, 102.0503 by changing the saturation by 10% instead.

61.4114, 55.3278,
102.0503

61.4114, 55.3278,
102.0503

419.5327,
407.1533, 588.0490

44.8111, 39.6642,
77.3875

105.9691, 98.0211,
166.0483

31.5093, 27.2768,
57.0575

134.6572,
125.8196, 206.2206

21.1407, 17.7813,
40.6418

168.1053,
158.4318, 252.3999

13.3399, 10.7931,
27.7217

206.6787,
196.2422, 305.0046

7.7416, 5.9279,
17.8788

250.7428,
239.6352, 364.4533

3.9805, 2.8013,
10.6944

300.6629,

1.6911, 1.0289,

288.9951, 431.1646

5.7502

356.8044,
344.7063, 505.5570

■ 0.4507, 0.0000,
2.6275

■ 0.0000, 0.0000,
0.9066

■ 61.4114, 55.3278,
102.0503

■ 61.4114, 55.3278,
102.0503

■ 51.9911, 43.2510,
100.2158

■ 72.3114, 69.5901,
104.2288

■ 43.9778, 33.2425,
98.7063

■ 84.7490, 86.1341,
106.7665

■ 37.3001, 25.1836,
97.5027

95.0500, 100.0000,
108.9000

■ 31.8776, 18.9407,
96.5835

■ 27.6203, 14.3629,
95.9243

■ 24.4246, 11.2731,
95.4964

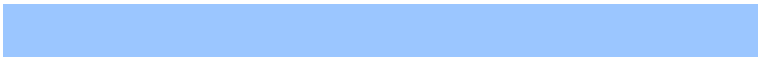
■ 22.1596, 9.4434,
95.2626

■ 21.6870, 9.0949,
95.2202

Harmonies

Analogous

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



53.7862, 55.3278, 112.8363



61.4114, 55.3278, 102.0503



67.0527, 55.3278, 80.1848

Triad

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



61.4114, 55.3278, 102.0503



59.1543, 55.3278, 29.5972



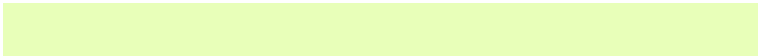
39.2286, 55.3278, 63.7147

Complementary

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



61.4114, 55.3278, 102.0503



77.7966, 92.1790, 59.5933

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.



40.3682, 55.3278, 43.9155



61.4114, 55.3278, 102.0503



51.4066, 55.3278, 27.2171

Square

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



61.4114, 55.3278, 102.0503



65.6634, 55.3278, 39.3064



44.6520, 55.3278, 31.7699



41.3739, 55.3278, 87.5405

Rectangle

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



61.4114, 55.3278, 102.0503



68.6596, 55.3278, 64.2757



44.6520, 55.3278, 31.7699



39.2422, 55.3278, 56.3818

Sweetspot

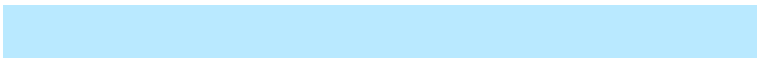
The Sweet Spot groups the original color and five complimentary colors.



61.4131, 55.3300, 102.0507



84.0230, 85.1620, 106.6172



67.1507, 75.7191, 105.6838



17.5651, 17.6675, 22.7343



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.



61.4131, 55.3300, 102.0507



56.0051, 48.3629, 100.9909



72.0753, 60.8266, 102.5497



17.5651, 17.6675, 22.7343



11.4712, 4.8241, 49.7611



1.2264, 0.5262, 4.8502

Inverse Universe

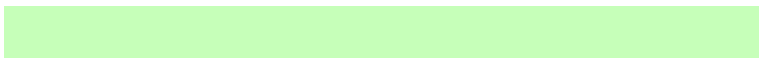
The Inverse Universe completely reimagines the original color for something new.



73.1555, 61.7860, 84.4152



69.6882, 55.8946, 80.0429



67.7631, 87.0066, 59.1237



18.5240, 18.1929, 21.3763



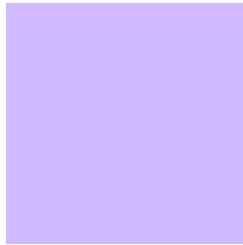
25.4722, 12.6782, 21.6688



2.5306, 1.2546, 2.3754

Previews

White Background



This preview shows how the XYZ color 61.4114, 55.3278, 102.0503 looks on a white background.

Color Contrast Check

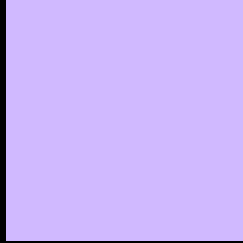
Large Text (above 18pt) WCAG AA × Fail

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 61.4114, 55.3278, 102.0503 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 61.4114, 55.3278, 102.0503

Background



This preview shows how black text looks on a background with the XYZ color 61.4114, 55.3278, 102.0503.

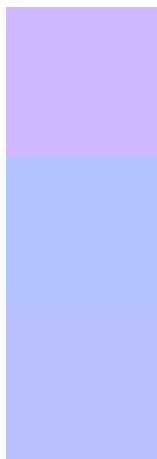


This preview shows how white text looks on a background with the XYZ color 61.4114, 55.3278,

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

61.4114, 55.3278, 102.0503

Protanopia

56.1642, 55.5069, 102.3615

Deuteranopia

56.8072, 55.5461, 100.6559



Tritanopia

54.6198, 55.4664, 68.1489

Trichromacy



Original Color

61.4114, 55.3278, 102.0503

Protanomaly

57.9160, 55.4288, 102.2541

Deuteranomaly

58.2952, 55.3201, 101.3713

Tritanomaly

56.9869, 55.4491, 79.6507

Monochromacy



Original Color

61.4114, 55.3278, 102.0503

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

57.0620, 56.8940, 75.6843

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.4114, 55.3278, 102.0503 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(208, 185, 255)` looks like.

```
.text, #text, p{  
    color:rgb(208, 185, 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(208, 185, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 185, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.4114, 55.3278, 102.0503 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(208, 185, 255) }
```


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

```
.border{ border-color:rgb(208, 185, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 185, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 185, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 185, 255);  
box-shadow:4px 4px 4px 4px rgb(208, 185,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.4114, 55.3278, 102.0503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 185, 255) }
```

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

```
.background{ background-color: rgb(208,  
185, 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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