

Converting Colors

XYZ(63.2900, 61.7059,
103.1824)

Have a look what the booklet for
XYZ(63.2900, 61.7059, 103.1824)
contains.

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Color

**XYZ(63.2938, 61.5498,
103.1521)**

Conversions

Conversions Part 1

Format	Color
Hex	CAC9FF
RGB	202, 201, 255
RGB Percent	79%, 79%, 100%
CMY	0.2078, 0.2117, 0.0000
CMYK	0.21, 0.21, 0.00, 0.00
HSL	241°, 100%, 89%
HSV	241°, 21%, 100%
XYZ	63.2938, 61.5498, 103.1521
YIQ	207.4550, -16.7380, 17.0060

Conversions

Conversions Part 2

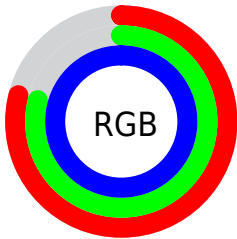
Format	Color
R_{YB}	202, 201, 255
Decimal	13289983
CIE _{Lab}	82.67, 11.31, -26.30
CIE _{LCh}	83, 28.630, 293.270
Yxy	61.5498, 0.2776, 0.2700
Android (android.graphics.Color)	4291480063 (0xFFCAC9FF)
YUV	207.4550, 23.4397, -4.7840
Hunter-Lab	78.4537, 6.7139, -23.0378

Details

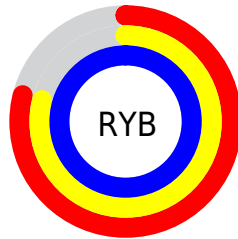
The XYZ color **63.2938, 61.5498, 103.1521** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **87.1766, 96.8083, 69.3521**, and the grayscale version is **59.4643, 62.5611, 68.1290**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.6594, 31.1477, 57.7169** is the 20% darker color. If you saturate the color by 10%, you get **51.6040, 47.4207, 101.0410**, and if you desaturate by 10%, it is **77.0721, 78.2233, 105.6442**.

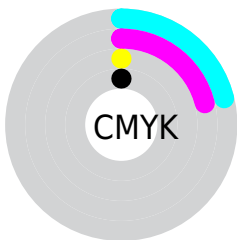
Distribution



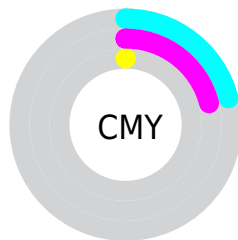
- Red (79%)
- Green (79%)
- Blue (100%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.2938, 61.5498, 103.1521 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 63.2938, 61.5498, 103.1521 by changing the saturation by 10% instead.

■ 63.2938, 61.5498,
103.1521

■ 63.2938, 61.5498,
103.1521

426.2777,
430.2870, 591.5848

■ 46.3385, 44.6690,
78.3041

108.6727,
107.0746, 167.5717

■ 32.7187, 31.1968,
57.8059

137.8270,
136.4874, 207.9804

■ 22.0693, 20.7488,
41.2389

171.7783,
170.8464, 254.4131

■ 14.0247, 12.9405,
28.1847

210.8920,
210.5359, 307.2882

■ 8.2197, 7.3876,
18.2247

255.5334,
255.9403, 367.0244

■ 4.2888, 3.7056,
10.9403

306.0679,

■ 1.8668, 1.5103,

307.4440, 434.0402

5.9131

362.8609,
365.4315, 508.7542

■ 0.5574, 0.2960,
2.7243

■ 0.0000, 0.0000,
0.9556

■ 63.2938, 61.5498,
103.1521

■ 63.2938, 61.5498,
103.1521

■ 51.6040, 47.4207,
101.0410

■ 77.0721, 78.2233,
105.6442

■ 41.8959, 35.7043,
99.2912

■ 93.0282, 97.5500,
108.5337

■ 34.0612, 26.2678,
97.8827

■ 95.0500, 100.0000,
108.9000

■ 27.9793, 18.9628,
96.7933

■ 23.5152, 13.6236,
95.9980

■ 20.5147, 10.0599,
95.4682

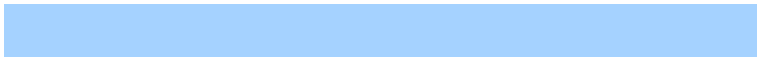
■ 18.7935, 8.0436,
95.1698

■ 18.1090, 7.2504,
95.0528

Harmonies

Analogous

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



57.1277, 61.5498, 106.5471



63.2938, 61.5498, 103.1521



68.4898, 61.5498, 89.3564

Triad

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



63.2938, 61.5498, 103.1521



65.8547, 61.5498, 43.3932



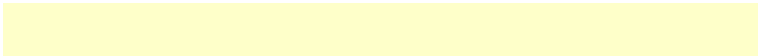
47.5355, 61.5498, 63.1300

Complementary

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



63.2938, 61.5498, 103.1521



87.1766, 96.8083, 69.3521

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.



49.5344, 61.5498, 48.7510



63.2938, 61.5498, 103.1521



59.8966, 61.5498, 38.7188

Square

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



63.2938, 61.5498, 103.1521



70.0391, 61.5498, 54.5194



53.9569, 61.5498, 40.4928



48.3056, 61.5498, 81.2926

Rectangle

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



63.2938, 61.5498, 103.1521



70.5602, 61.5498, 77.2362



53.9569, 61.5498, 40.4928



47.9010, 61.5498, 57.7420

Sweetspot

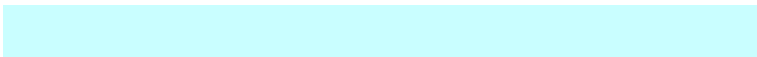
The Sweet Spot groups the original color and five complimentary colors.



63.2956, 61.5522, 103.1525



85.0513, 87.8860, 107.0887



77.6121, 90.5852, 108.0018



17.9819, 18.5417, 22.8811



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.



63.2956, 61.5522, 103.1525



58.5825, 55.8533, 102.3009



71.2195, 65.6371, 103.5233



17.0341, 17.3938, 22.7095



9.4758, 3.7954, 49.6677



0.9331, 0.3749, 4.8365

Inverse Universe

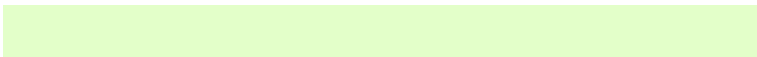
The Inverse Universe completely reimagines the original color for something new.



80.0172, 70.1911, 103.0977



77.7860, 65.7750, 102.2115



78.0139, 92.0848, 68.9233



18.7773, 18.2942, 22.7105



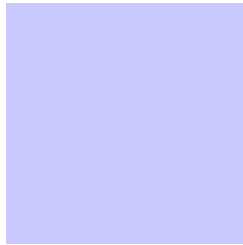
30.5949, 14.7272, 48.6444



2.9834, 1.4357, 4.7598

Previews

White Background



This preview shows how the XYZ color 63.2938, 61.5498, 103.1521 looks on a white background.

Color Contrast Check

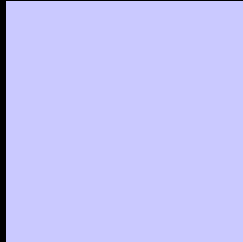
Large Text (above 18pt) WCAG AA × Fail

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 63.2938, 61.5498, 103.1521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

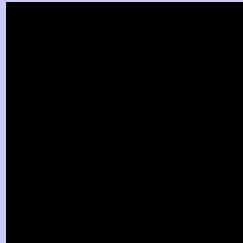
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.2938, 61.5498, 103.1521

Background



This preview shows how black text looks on a background with the XYZ color 63.2938, 61.5498, 103.1521.

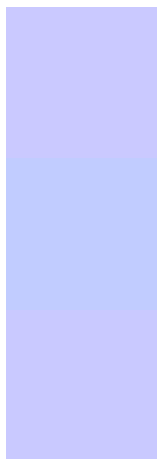


This preview shows how white text looks on a background with the XYZ color 63.2938, 61.5498,

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

63.2938, 61.5498, 103.1521

Protanopia

61.6352, 61.7432, 103.2768

Deuteranopia

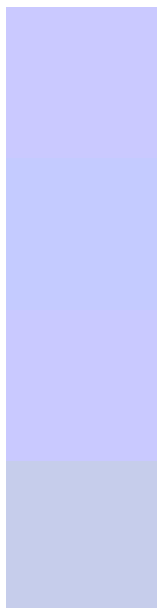
63.0240, 61.4108, 103.1395



Tritanopia

58.3971, 61.6891, 78.6414

Trichromacy



Original Color

63.2938, 61.5498, 103.1521

Protanomaly

62.1709, 61.6676, 103.2340

Deuteranomaly

63.0240, 61.4108, 103.1395

Tritanomaly

60.1154, 61.6666, 87.3317

Monochromacy



Original Color

63.2938, 61.5498, 103.1521

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

60.4627, 62.0236, 79.3060

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.2938, 61.5498, 103.1521 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(202, 201, 255)` looks like.

```
.text, #text, p{  
    color:rgb(202, 201, 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(202, 201, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 201, 255) }
```

Border

The CSS property to change the border of an element to XYZ 63.2938, 61.5498, 103.1521 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(202, 201, 255) }
```


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

```
.border{ border-color:rgb(202, 201, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 201, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 201, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 201, 255);  
box-shadow:4px 4px 4px 4px rgb(202, 201,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 63.2938, 61.5498, 103.1521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 201, 255) }
```

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

```
.background{ background-color: rgb(202,  
201, 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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