

Converting Colors

XYZ(65.5933, 61.8433,
103.0876)

Have a look what the booklet for
XYZ(65.5933, 61.8433, 103.0876)
contains.

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Color

**XYZ(65.3955, 61.6052,
103.0520)**

Conversions

Conversions Part 1

Format	Color
Hex	D4C6FF
RGB	212, 198, 255
RGB Percent	83%, 78%, 100%
CMY	0.1686, 0.2235, 0.0000
CMYK	0.17, 0.22, 0.00, 0.00
HSL	255°, 100%, 89%
HSV	255°, 22%, 100%
XYZ	65.3955, 61.6052, 103.0520
YIQ	208.6840, -9.9530, 20.6950

Conversions

Conversions Part 2

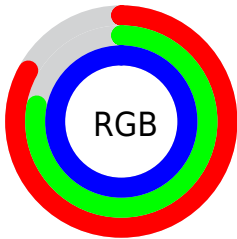
Format	Color
R _Y B	212, 198, 255
Decimal	13944575
CIE _{Lab}	82.70, 15.96, -26.19
CIE _{LCh}	83, 30.669, 301.367
Y _{xy}	61.6052, 0.2843, 0.2678
Android (android.graphics.Color)	4292134655 (0xFFD4C6FF)
Y _{UV}	208.6840, 22.8338, 2.9081
Hunter-Lab	78.4890, 11.3670, -22.9024

Details

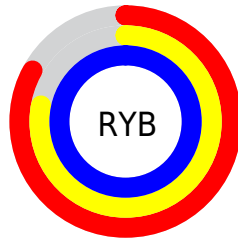
The XYZ color **65.3955, 61.6052, 103.0520** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.2298, 94.2985, 67.2962**, and the grayscale version is **60.2608, 63.3990, 69.0415**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.0709, 31.1918, 57.6510** is the 20% darker color. If you saturate the color by 10%, you get **54.8313, 48.2241, 101.0260**, and if you desaturate by 10%, it is **77.6051, 77.2942, 105.4368**.

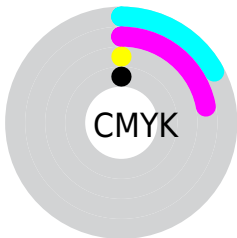
Distribution



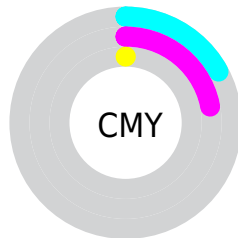
- Red (83%)
- Green (78%)
- Blue (100%)



- Red (83%)
- Yellow (78%)
- Blue (100%)



- Cyan (17%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (17%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.3955, 61.6052, 103.0520 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 65.3955, 61.6052, 103.0520 by changing the saturation by 10% instead.

65.3955, 61.6052,
103.0520

65.3955, 61.6052,
103.0520

433.7346,
430.4895, 591.2640

48.0477, 44.7138,
78.2208

111.6808,
107.1547, 167.4334

34.0761, 31.2320,
57.7378

141.3491,
136.5816, 207.8206

23.1152, 20.7756,
41.1846

175.8549,
170.9558, 254.2303

14.7998, 12.9601,
28.1426

215.5636,
210.6616, 307.0810

8.7644, 7.4011,
18.1932

260.8406,
256.0835, 366.7911

4.6437, 3.7142,
10.9179

312.0512,

2.0724, 1.5150,

307.6059, 433.7793

5.8982

369.5608,
365.6131, 508.4641

■ 0.6741, 0.2992,
2.7155

■ 0.0000, 0.0000,
0.9512

■ 65.3955, 61.6052,
103.0520

■ 65.3955, 61.6052,
103.0520

■ 54.8313, 48.2241,
101.0260

■ 77.6051, 77.2942,
105.4368

■ 45.8351, 37.0334,
99.3401

■ 91.5225, 95.3863,
108.1954

■ 38.3308, 27.9163,
97.9759

95.0500, 100.0000,
108.9000

■ 32.2337, 20.7420,
96.9124

■ 27.4500, 15.3642,
96.1265

■ 23.8737, 11.6155,
95.5915

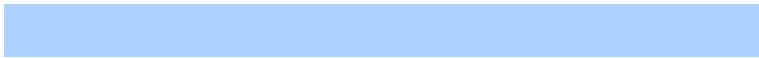
■ 21.3798, 9.2951,
95.2750

■ 20.0763, 8.2646,
95.1448

Harmonies

Analogous

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



58.8565, 61.6052, 110.2567



65.3955, 61.6052, 103.0520



70.3861, 61.6052, 85.9998

Triad

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



65.3955, 61.6052, 103.0520



64.8339, 61.6052, 40.0166



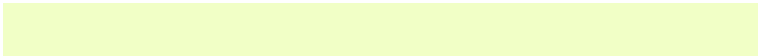
46.7851, 61.6052, 67.9464

Complementary

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



65.3955, 61.6052, 103.0520



82.2298, 94.2985, 67.2962

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.



48.1281, 61.6052, 51.1569



65.3955, 61.6052, 103.0520



58.2523, 61.6052, 36.9622

Square

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



65.3955, 61.6052, 103.0520



70.0452, 61.6052, 49.9163



52.2069, 61.6052, 40.6329



48.3936, 61.6052, 87.7804

Rectangle

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



65.3955, 61.6052, 103.0520



71.9867, 61.6052, 72.6698



52.2069, 61.6052, 40.6329



46.9056, 61.6052, 61.7799

Sweetspot

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



65.3973, 61.6077, 103.0524



84.8358, 86.6702, 106.8654



73.0031, 82.5528, 106.6944



17.9785, 18.3171, 22.8379



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.



65.3973, 61.6077, 103.0524



60.2854, 55.1060, 102.0669



74.1128, 66.1007, 103.4603



17.4208, 17.5932, 22.7276



10.6025, 4.3763, 49.7205



1.1262, 0.4745, 4.8455

Inverse Universe

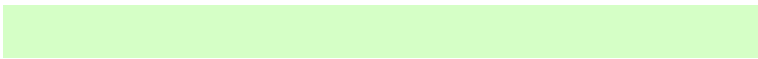
The Inverse Universe completely reimagines the original color for something new.



77.3125, 68.0012, 92.2711



74.2764, 62.6194, 89.1304



73.4531, 89.7740, 66.8855



18.5908, 18.2196, 21.7281



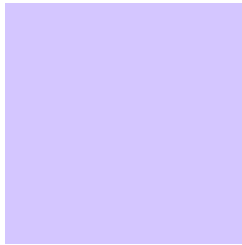
26.6041, 13.1309, 27.6295



2.6335, 1.2958, 2.9177

Previews

White Background



This preview shows how the XYZ color 65.3955, 61.6052, 103.0520 looks on a white background.

Color Contrast Check

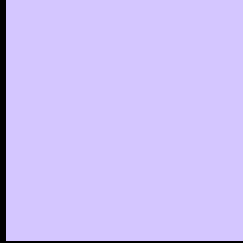
Large Text (above 18pt) WCAG AA × Fail

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 65.3955, 61.6052, 103.0520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

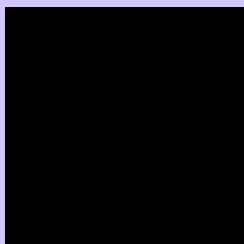
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.3955, 61.6052, 103.0520

Background



This preview shows how black text looks on a background with the XYZ color 65.3955, 61.6052, 103.0520.

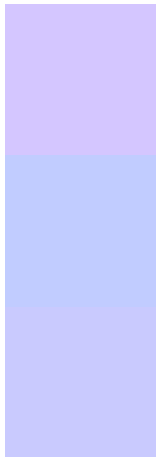


This preview shows how white text looks on a background with the XYZ color 65.3955, 61.6052,

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

65.3955, 61.6052, 103.0520

Protanopia

61.6352, 61.7432, 103.2768

Deuteranopia

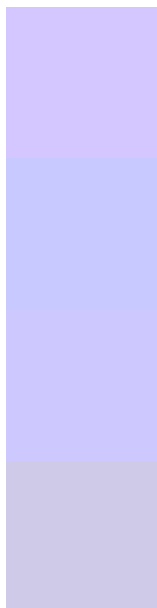
63.0973, 61.8143, 102.3717



Tritanopia

59.9647, 61.4748, 76.4155

Trichromacy



Original Color

65.3955, 61.6052, 103.0520

Protanomaly

62.9899, 61.7404, 103.2049

Deuteranomaly

63.9529, 61.9082, 102.3447

Tritanomaly

61.8409, 61.5341, 85.7087

Monochromacy



Original Color

65.3955, 61.6052, 103.0520

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

62.1371, 62.8553, 80.8088

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3955, 61.6052, 103.0520 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, 198, 255)` looks like.

```
.text, #text, p{  
    color:rgb(212, 198, 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, 198, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 198, 255) }
```

Border

The CSS property to change the border of an element to XYZ 65.3955, 61.6052, 103.0520 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, 198, 255) }
```


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

```
.border{ border-color:rgb(212, 198, 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, 198, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 198, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 198, 255);  
box-shadow:4px 4px 4px 4px rgb(212, 198,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3955, 61.6052, 103.0520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 198, 255) }
```

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

```
.background{ background-color: rgb(212,  
198, 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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