

Converting Colors

XYZ(70.7908, 62.9532,
129.3534)

Have a look what the booklet for
XYZ(70.7908, 62.9532, 129.3534)
contains.

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Color

**XYZ(65.5894, 60.6973,
102.8666)**

Conversions

Conversions Part 1

Format	Color
Hex	D7C3FF
RGB	215, 195, 255
RGB Percent	84%, 76%, 100%
CMY	0.1569, 0.2353, 0.0000
CMYK	0.16, 0.24, 0.00, 0.00
HSL	260°, 100%, 88%
HSV	260°, 24%, 100%
XYZ	65.5894, 60.6973, 102.8666
YIQ	207.8200, -7.3400, 22.9000

Conversions

Conversions Part 2

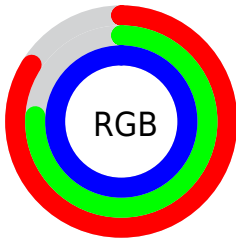
Format	Color
R _Y B	215, 195, 255
Decimal	14140415
CIE Lab	82.22, 18.50, -26.91
CIE LCh	82, 32.655, 304.508
Yxy	60.6973, 0.2862, 0.2649
Android (android.graphics.Color)	4292330495 (0xFFD7C3FF)
YUV	207.8200, 23.2597, 6.2969
Hunter-Lab	77.9085, 13.9353, -23.7477

Details

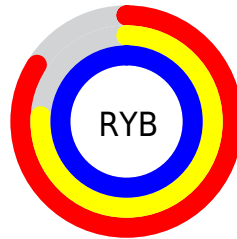
The XYZ color **65.5894, 60.6973, 102.8666** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.8726, 93.1229, 65.3973**, and the grayscale version is **59.6968, 62.8057, 68.3954**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **34.2151, 30.6006, 57.5292** is the 20% darker color. If you saturate the color by 10%, you get **55.6212, 47.7901, 100.9006**, and if you desaturate by 10%, it is **77.0554, 75.8280, 105.1827**.

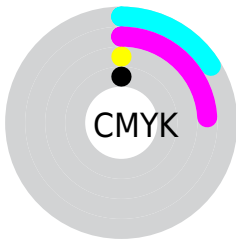
Distribution



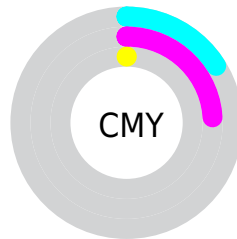
- Red (84%)
- Green (76%)
- Blue (100%)



- Red (84%)
- Yellow (76%)
- Blue (100%)



- Cyan (16%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.5894, 60.6973, 102.8666 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 65.5894, 60.6973, 102.8666 by changing the saturation by 10% instead.

65.5894, 60.6973,
102.8666

65.5894, 60.6973,
102.8666

434.4188,
427.1633, 590.6697

48.2056, 43.9809,
78.0665

111.9578,
105.8405, 167.1771

34.2017, 30.6555,
57.6119

141.6732,
135.0362, 207.5247

23.2122, 20.3367,
41.0841

176.2298,
169.1604, 253.8918

14.8718, 12.6400,
28.0646

215.9930,
208.5975, 306.6970

8.8152, 7.1811,
18.1349

261.3281,
253.7319, 366.3588

4.6770, 3.5756,
10.8764

312.6006,

2.0918, 1.4391,

304.9481, 433.2959

5.8707

370.1757,
362.6304, 507.9266

■ 0.6848, 0.2453,
2.6991

■ 0.0000, 0.0000,
0.9430

■ 65.5894, 60.6973,
102.8666

■ 65.5894, 60.6973,
102.8666

■ 55.6212, 47.7901,
100.9006

■ 77.0554, 75.8280,
105.1827

■ 47.0804, 36.9919,
99.2665

■ 90.0752, 93.2747,
107.8641

■ 39.8981, 28.1887,
97.9458

95.0500, 100.0000,
108.9000

■ 33.9975, 21.2526,
96.9180

■ 29.2933, 16.0404,
96.1599

■ 25.6882, 12.3870,
95.6447

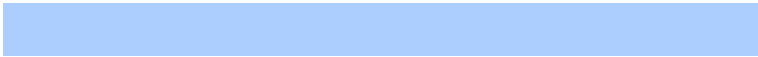
■ 23.0667, 10.0925,
95.3400

■ 21.7960, 9.1511,
95.2253

Harmonies

Analogous

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



58.7467, 60.6973, 112.0008



65.5894, 60.6973, 102.8666



70.5998, 60.6973, 83.9472

Triad

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



65.5894, 60.6973, 102.8666



63.6293, 60.6973, 37.2364



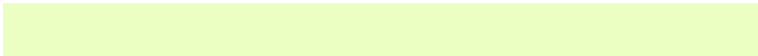
45.3795, 60.6973, 69.1402

Complementary

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



65.5894, 60.6973, 102.8666



79.8726, 93.1229, 65.3973

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.



46.4602, 60.6973, 50.9621



65.5894, 60.6973, 102.8666



56.6479, 60.6973, 34.8318

Square

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



65.5894, 60.6973, 102.8666



69.4060, 60.6973, 46.7090



50.4535, 60.6973, 39.3244



47.3744, 60.6973, 90.2018

Rectangle

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



65.5894, 60.6973, 102.8666



72.0261, 60.6973, 69.8159



50.4535, 60.6973, 39.3244



45.3965, 60.6973, 62.4972

Sweetspot

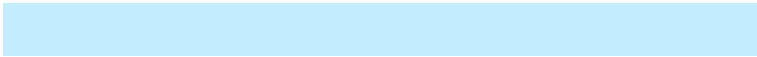
The Sweet Spot groups the original color and five complimentary colors.



65.5911, 60.6997, 102.8669



85.3742, 86.9477, 106.8906



70.5528, 78.8145, 106.1019



18.1029, 18.3813, 22.8438



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.



65.5911, 60.6997, 102.8669



60.9512, 54.6580, 101.9453



74.8747, 65.4856, 103.3014



17.5734, 17.6718, 22.7347



11.5295, 4.8541, 49.7639



1.2329, 0.5295, 4.8505

Inverse Universe

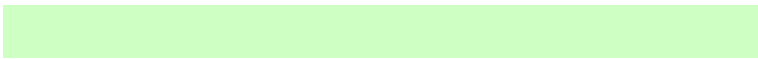
The Inverse Universe completely reimagines the original color for something new.



75.7519, 66.2906, 87.4019



72.7497, 61.1559, 83.7202



71.0655, 88.5827, 64.9852



18.5202, 18.1914, 21.3563



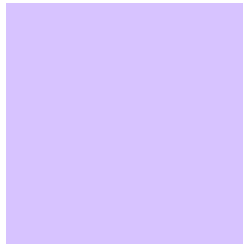
25.4124, 12.6543, 21.3541



2.5251, 1.2524, 2.3464

Previews

White Background



This preview shows how the XYZ color 65.5894, 60.6973, 102.8666 looks on a white background.

Color Contrast Check

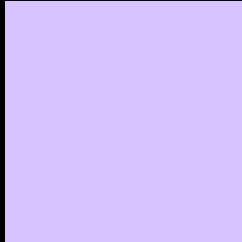
Large Text (above 18pt) WCAG AA × Fail

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 65.5894, 60.6973, 102.8666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

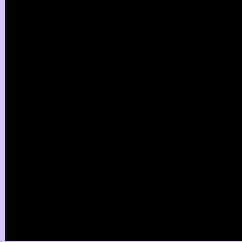
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.5894, 60.6973, 102.8666

Background



This preview shows how black text looks on a background with the XYZ color 65.5894, 60.6973, 102.8666.

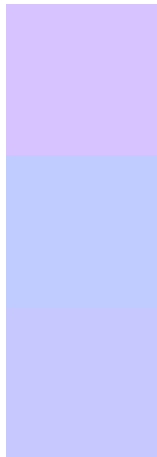


This preview shows how white text looks on a background with the XYZ color 65.5894, 60.6973,

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

65.5894, 60.6973, 102.8666

Protanopia

61.1442, 61.1383, 103.1860

Deuteranopia

62.0969, 60.6064, 102.1913



Tritanopia

60.0699, 60.8583, 74.9105

Trichromacy



Original Color

65.5894, 60.6973, 102.8666

Protanomaly

62.5237, 60.8079, 103.0495

Deuteranomaly

63.2603, 60.5231, 102.1139

Tritanomaly

61.7112, 60.4653, 84.0197

Monochromacy



Original Color

65.5894, 60.6973, 102.8666

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

61.8105, 61.9970, 79.9430

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.5894, 60.6973, 102.8666 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(215, 195, 255)` looks like.

```
.text, #text, p{  
    color:rgb(215, 195, 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(215, 195, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 195, 255) }
```

Border

The CSS property to change the border of an element to XYZ 65.5894, 60.6973, 102.8666 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(215, 195, 255) }
```


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

```
.border{ border-color:rgb(215, 195, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 195, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 195, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 195, 255);  
box-shadow:4px 4px 4px 4px rgb(215, 195,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 65.5894, 60.6973, 102.8666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 195, 255) }
```

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

```
.background{ background-color: rgb(215,  
195, 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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