

Converting Colors

XYZ(65.7555, 59.5512,
102.6366)

Have a look what the booklet for
XYZ(65.7555, 59.5512, 102.6366)
contains.

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Color

**XYZ(65.5942, 59.3870,
102.6134)**

Conversions

Conversions Part 1

Format	Color
Hex	DABFFF
RGB	218, 191, 255
RGB Percent	85%, 75%, 100%
CMY	0.1451, 0.2510, 0.0000
CMYK	0.15, 0.25, 0.00, 0.00
HSL	265°, 100%, 87%
HSV	265°, 25%, 100%
XYZ	65.5942, 59.3870, 102.6134
YIQ	206.3690, -4.4520, 25.6280

Conversions

Conversions Part 2

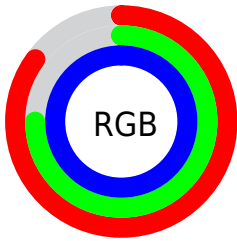
Format	Color
R _Y B	218, 191, 255
Decimal	14335999
CIE Lab	81.50, 21.58, -27.98
CIE LCh	82, 35.331, 307.645
Yxy	59.3870, 0.2882, 0.2609
Android (android.graphics.Color)	4292526079 (0xFFDABFFF)
YUV	206.3690, 23.9751, 10.2004
Hunter-Lab	77.0630, 17.0749, -25.0037

Details

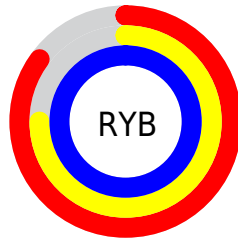
The XYZ color **65.5942, 59.3870, 102.6134** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **77.1601, 91.7762, 62.9407**, and the grayscale version is **58.7573, 61.8172, 67.3190**.

A 20% lighter version of the original color is **92.5508, 95.0015, 108.0669**, and **34.0390, 29.6499, 57.3550** is the 20% darker color. If you saturate the color by 10%, you get **56.2958, 47.0457, 100.7214**, and if you desaturate by 10%, it is **76.2563, 73.8714, 104.8472**.

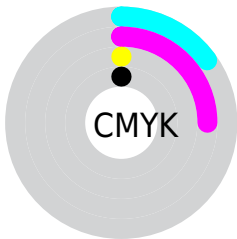
Distribution



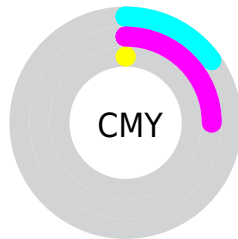
- Red (85%)
- Green (75%)
- Blue (100%)



- Red (85%)
- Yellow (75%)
- Blue (100%)



- Cyan (15%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (15%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.5942, 59.3870, 102.6134 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 65.5942, 59.3870, 102.6134 by changing the saturation by 10% instead.

65.5942, 59.3870,
102.6134

65.5942, 59.3870,
102.6134

434.4357,
422.3346, 589.8575

48.2095, 42.9247,
77.8559

111.9647,
103.9399, 166.8271

34.2048, 29.8261,
57.4398

141.6812,
132.7994, 207.1203

23.2146, 19.7066,
40.9468

176.2390,
166.5600, 253.4292

14.8736, 12.1820,
27.9581

216.0036,
205.6062, 306.1723

8.8165, 6.8677,
18.0553

261.3402,
250.3223, 365.7682

4.6778, 3.3795,
10.8199

312.6142,

2.0923, 1.3329,

301.0929, 432.6353

5.8332

370.1909,
358.3021, 507.1922

■ 0.6850, 0.1665,
2.6768

■ 0.0000, 0.0000,
0.9317

■ 65.5942, 59.3870,
102.6134

■ 65.5942, 59.3870,
102.6134

■ 56.2958, 47.0457,
100.7214

■ 76.2563, 73.8714,
104.8472

■ 48.2955, 36.7347,
99.1528

■ 88.3332, 90.5898,
107.4377

■ 41.5299, 28.3417,
97.8894

95.0500, 100.0000,
108.9000

■ 35.9274, 21.7398,
96.9104

■ 31.4080, 16.7867,
96.1925

■ 27.8800, 13.3167,
95.7087

■ 25.2324, 11.1270,
95.4256

■ 24.1830, 10.3817,
95.3370

Harmonies

Analogous

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



58.3607, 59.3870, 114.0699



65.5942, 59.3870, 102.6134



70.6612, 59.3870, 81.4408

Triad

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



65.5942, 59.3870, 102.6134



62.0348, 59.3870, 33.8111



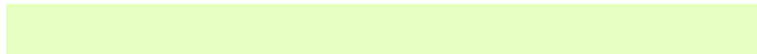
43.4796, 59.3870, 70.2394

Complementary

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



65.5942, 59.3870, 102.6134



77.1601, 91.7762, 62.9407

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.



44.2771, 59.3870, 50.3627



65.5942, 59.3870, 102.6134



54.5728, 59.3870, 32.0879

Square

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



65.5942, 59.3870, 102.6134



68.4842, 59.3870, 42.8213



48.1898, 59.3870, 37.4551



45.9075, 59.3870, 92.8960

Rectangle

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



65.5942, 59.3870, 102.6134



71.8971, 59.3870, 66.3518



48.1898, 59.3870, 37.4551



43.3834, 59.3870, 63.0018

Sweetspot

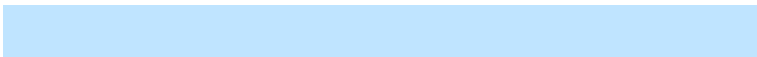
The Sweet Spot groups the original color and five complimentary colors.



65.5959, 59.3894, 102.6138



84.6773, 85.4992, 106.6478



67.3727, 73.9684, 105.3342



17.7293, 17.7522, 22.7420



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.



65.5959, 59.3894, 102.6138



60.8690, 53.0755, 101.6442



75.9869, 64.7462, 103.1001



17.7293, 17.7522, 22.7420



12.7977, 5.5079, 49.8232



1.3675, 0.5989, 4.8568

Inverse Universe

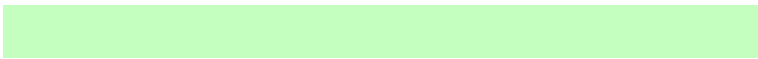
The Inverse Universe completely reimagines the original color for something new.



73.8757, 64.1252, 81.8842



70.5426, 58.6131, 77.2147



68.0173, 87.0629, 62.5128



18.4497, 18.1632, 20.9852



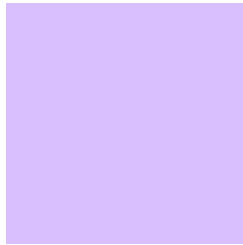
24.3943, 12.2470, 15.9926



2.4298, 1.2143, 1.8447

Previews

White Background



This preview shows how the XYZ color 65.5942, 59.3870, 102.6134 looks on a white background.

Color Contrast Check

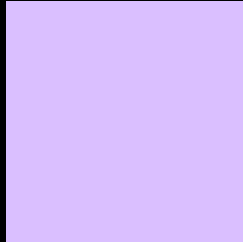
Large Text (above 18pt) WCAG AA × Fail

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 65.5942, 59.3870, 102.6134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

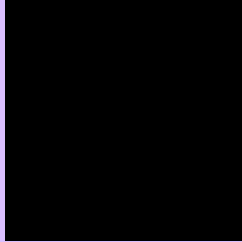
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.5942, 59.3870, 102.6134

Background



This preview shows how black text looks on a background with the XYZ color 65.5942, 59.3870, 102.6134.

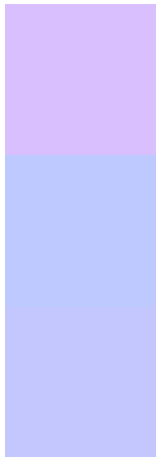


This preview shows how white text looks on a background with the XYZ color 65.5942, 59.3870,

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

65.5942, 59.3870, 102.6134

Protanopia

59.9229, 59.8121, 102.9944

Deuteranopia

60.9180, 59.6745, 101.2361



Tritanopia

59.4250, 59.5508, 71.9807

Trichromacy



Original Color

65.5942, 59.3870, 102.6134

Protanomaly

61.8357, 59.4319, 102.8201

Deuteranomaly

62.5312, 59.4730, 101.9496

Tritanomaly

61.6143, 59.4331, 82.3531

Monochromacy



Original Color

65.5942, 59.3870, 102.6134

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

60.9195, 60.8567, 79.0567

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.5942, 59.3870, 102.6134 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(218, 191, 255)` looks like.

```
.text, #text, p{  
    color:rgb(218, 191, 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(218, 191, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 191, 255) }
```

Border

The CSS property to change the border of an element to XYZ 65.5942, 59.3870, 102.6134 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(218, 191, 255) }
```


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

```
.border{ border-color:rgb(218, 191, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 191, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 191, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 191, 255);  
box-shadow:4px 4px 4px 4px rgb(218, 191,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 65.5942, 59.3870, 102.6134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 191, 255) }
```

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

```
.background{ background-color: rgb(218,  
191, 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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