

Converting Colors

XYZ(63.5056, 59.2939,
102.7055)

Have a look what the booklet for
XYZ(63.5056, 59.2939, 102.7055)
contains.

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Color

**XYZ(63.6363, 59.3589,
102.7112)**

Conversions

Conversions Part 1

Format	Color
Hex	D1C2FF
RGB	209, 194, 255
RGB Percent	82%, 76%, 100%
CMY	0.1804, 0.2392, 0.0000
CMYK	0.18, 0.24, 0.00, 0.00
HSL	255°, 100%, 88%
HSV	255°, 24%, 100%
XYZ	63.6363, 59.3589, 102.7112
YIQ	205.4390, -10.6410, 22.1510

Conversions

Conversions Part 2

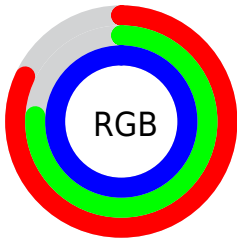
Format	Color
R _Y B	209, 194, 255
Decimal	13746943
CIE Lab	81.49, 17.20, -28.06
CIE LCh	81, 32.918, 301.510
Yxy	59.3589, 0.2819, 0.2630
Android (android.graphics.Color)	4291937023 (0xFFD1C2FF)
YUV	205.4390, 24.4336, 3.1230
Hunter-Lab	77.0447, 12.6066, -25.1104

Details

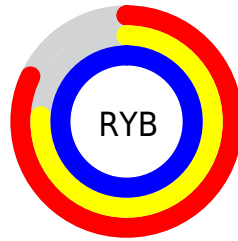
The XYZ color **63.6363, 59.3589, 102.7112** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.4339, 93.9408, 64.8819**, and the grayscale version is **58.1634, 61.1924, 66.6386**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **32.8976, 29.7034, 57.4255** is the 20% darker color. If you saturate the color by 10%, you get **53.3244, 46.3298, 100.7398**, and if you desaturate by 10%, it is **75.5820, 74.6787, 105.0386**.

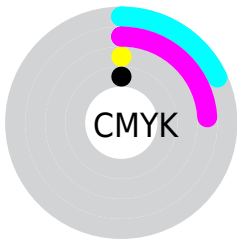
Distribution



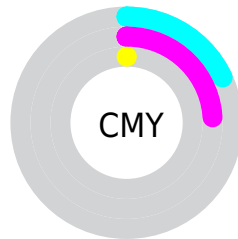
- Red (82%)
- Green (76%)
- Blue (100%)



- Red (82%)
- Yellow (76%)
- Blue (100%)



- Cyan (18%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.6363, 59.3589, 102.7112 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 63.6363, 59.3589, 102.7112 by changing the saturation by 10% instead.

63.6363, 59.3589,
102.7112

63.6363, 59.3589,
102.7112

427.4981,
422.2306, 590.1712

46.6167, 42.9021,
77.9372

109.1636,
103.8991, 166.9623

32.9395, 29.8083,
57.5063

138.4022,
132.7513, 207.2765

22.2391, 19.6931,
40.9998

172.4443,
166.5041, 253.6079

14.1503, 12.1722,
27.9992

211.6556,
205.5419, 306.3750

8.3077, 6.8611,
18.0860

256.4012,
250.2490, 365.9963

4.3459, 3.3754,
10.8417

307.0466,

1.8996, 1.3307,

301.0099, 432.8905

5.8477

363.9571,
358.2090, 507.4759

■ 0.5766, 0.1648,
2.6854

■ 0.0000, 0.0000,
0.9361

■ 63.6363, 59.3589,
102.7112

■ 63.6363, 59.3589,
102.7112

■ 53.3244, 46.3298,
100.7398

■ 75.5820, 74.6787,
105.0386

■ 44.5683, 35.4730,
99.1057

■ 89.2248, 92.3858,
107.7373

■ 37.2909, 26.6698,
97.7901

95.0500, 100.0000,
108.9000

■ 31.4063, 19.7873,
96.7718

■ 26.8190, 14.6766,
96.0271

■ 23.4207, 11.1660,
95.5286

■ 21.0825, 9.0476,
95.2429

■ 20.0809, 8.2670,
95.1450

Harmonies

Analogous

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



56.7691, 59.3589, 110.5077



63.6363, 59.3589, 102.7112



68.8930, 59.3589, 84.4894

Triad

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



63.6363, 59.3589, 102.7112



62.9826, 59.3589, 36.6724



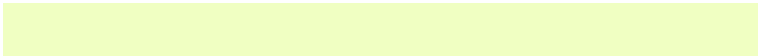
44.1753, 59.3589, 65.6378

Complementary

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



63.6363, 59.3589, 102.7112



81.4339, 93.9408, 64.8819

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.



45.5494, 59.3589, 48.1582



63.6363, 59.3589, 102.7112



56.0701, 59.3589, 33.6187

Square

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



63.6363, 59.3589, 102.7112



68.4945, 59.3589, 46.7473



49.7689, 59.3589, 37.3627



45.8531, 59.3589, 86.5791

Rectangle

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



63.6363, 59.3589, 102.7112



70.5748, 59.3589, 70.4013



49.7689, 59.3589, 37.3627



44.2950, 59.3589, 59.1864

Sweetspot

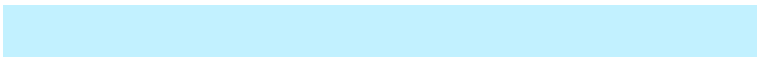
The Sweet Spot groups the original color and five complimentary colors.



63.6380, 59.3613, 102.7115



84.8376, 86.6711, 106.8655



71.6859, 81.4631, 106.5534



17.9789, 18.3173, 22.8380



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.



63.6380, 59.3613, 102.7115



58.1992, 52.4622, 101.6665



72.8498, 64.1101, 103.1426



17.4213, 17.5934, 22.7276



10.6050, 4.3776, 49.7206



1.1265, 0.4746, 4.8455

Inverse Universe

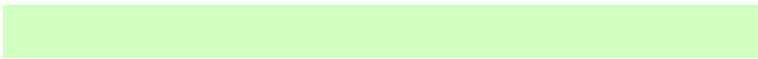
The Inverse Universe completely reimagines the original color for something new.



76.2612, 66.1369, 91.1858



73.0333, 60.4318, 87.7955



72.1534, 89.1565, 64.4476



18.5905, 18.2195, 21.7269



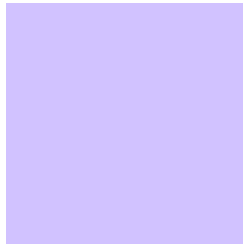
26.5999, 13.1293, 27.6075



2.6332, 1.2956, 2.9157

Previews

White Background



This preview shows how the XYZ color 63.6363, 59.3589, 102.7112 looks on a white background.

Color Contrast Check

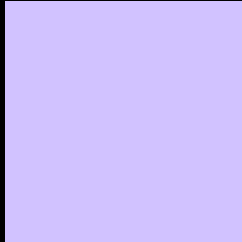
Large Text (above 18pt) WCAG AA × Fail

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 63.6363, 59.3589, 102.7112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

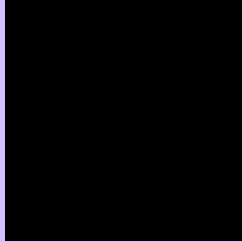
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.6363, 59.3589, 102.7112

Background



This preview shows how black text looks on a background with the XYZ color 63.6363, 59.3589, 102.7112.

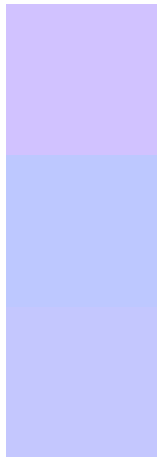


This preview shows how white text looks on a background with the XYZ color 63.6363, 59.3589,

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

63.6363, 59.3589, 102.7112

Protanopia

59.6905, 59.3474, 102.9169

Deuteranopia

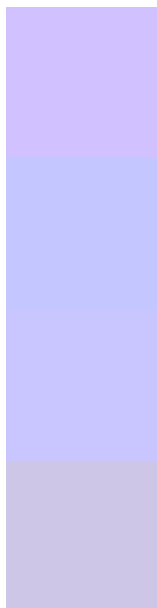
61.0778, 59.7384, 102.0774



Tritanopia

57.7682, 59.3396, 74.0546

Trichromacy



Original Color

63.6363, 59.3589, 102.7112

Protanomaly

61.0090, 59.3439, 102.8467

Deuteranomaly

61.9430, 59.5058, 101.9869

Tritanomaly

59.7947, 59.1368, 83.8643

Monochromacy



Original Color

63.6363, 59.3589, 102.7112

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

59.6595, 60.2228, 78.2918

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.6363, 59.3589, 102.7112 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(209, 194, 255)` looks like.

```
.text, #text, p{  
    color:rgb(209, 194, 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(209, 194, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 194, 255) }
```

Border

The CSS property to change the border of an element to XYZ 63.6363, 59.3589, 102.7112 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(209, 194, 255) }
```


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

```
.border{ border-color:rgb(209, 194, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 194, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 194, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 194, 255);  
box-shadow:4px 4px 4px 4px rgb(209, 194,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 63.6363, 59.3589, 102.7112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 194, 255) }
```

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

```
.background{ background-color: rgb(209,  
194, 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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