

Converting Colors

XYZ(62.8752, 58.8250,
102.6482)

Have a look what the booklet for
XYZ(62.8752, 58.8250, 102.6482)
contains.

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Color

**XYZ(63.0739, 59.0690,
102.6848)**

Conversions

Conversions Part 1

Format	Color
Hex	CFC2FF
RGB	207, 194, 255
RGB Percent	81%, 76%, 100%
CMY	0.1882, 0.2392, 0.0000
CMYK	0.19, 0.24, 0.00, 0.00
HSL	253°, 100%, 88%
HSV	253°, 24%, 100%
XYZ	63.0739, 59.0690, 102.6848
YIQ	204.8410, -11.8330, 21.7270

Conversions

Conversions Part 2

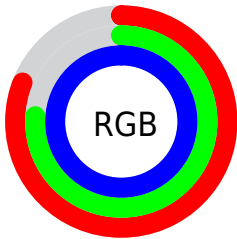
Format	Color
R_{YB}	207, 194, 255
Decimal	13615871
CIE _{Lab}	81.33, 16.60, -28.32
CIE _{LCh}	81, 32.826, 300.372
Yxy	59.0690, 0.2805, 0.2627
Android (android.graphics.Color)	4291805951 (0xFFCFC2FF)
YUV	204.8410, 24.7284, 1.8934
Hunter-Lab	76.8564, 11.9914, -25.4156

Details

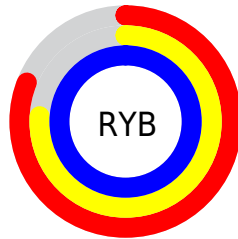
The XYZ color **63.0739, 59.0690, 102.6848** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.1167, 94.2928, 64.9139**, and the grayscale version is **57.7821, 60.7913, 66.2017**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **32.5200, 29.5088, 57.4079** is the 20% darker color. If you saturate the color by 10%, you get **52.6240, 45.9687, 100.7070**, and if you desaturate by 10%, it is **75.2135, 74.4887, 105.0213**.

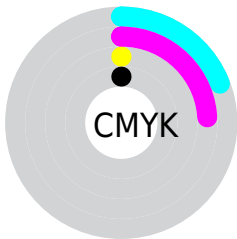
Distribution



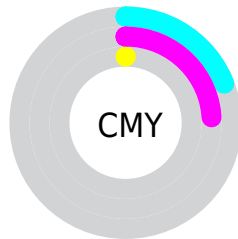
- Red (81%)
- Green (76%)
- Blue (100%)



- Red (81%)
- Yellow (76%)
- Blue (100%)



- Cyan (19%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (19%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.0739, 59.0690, 102.6848 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 63.0739, 59.0690, 102.6848 by changing the saturation by 10% instead.

63.0739, 59.0690,
102.6848

63.0739, 59.0690,
102.6848

425.4930,
421.1576, 590.0866

46.1599, 42.6687,
77.9153

108.3573,
103.4779, 166.9258

32.5772, 29.6252,
57.4883

137.4574,
132.2553, 207.2344

21.9604, 19.5543,
40.9855

171.3503,
165.9272, 253.5597

13.9442, 12.0715,
27.9881

210.4012,
204.8780, 306.3203

8.1633, 6.7924,
18.0777

254.9756,
249.4920, 365.9347

4.2523, 3.3326,
10.8358

305.4388,

1.8459, 1.3077,

300.1537, 432.8216

5.8437

362.1562,
357.2474, 507.3993

■ 0.5451, 0.1472,
2.6831

■ 0.0000, 0.0000,
0.9349

■ 63.0739, 59.0690,
102.6848

■ 63.0739, 59.0690,
102.6848

■ 52.6240, 45.9687,
100.7070

■ 75.2135, 74.4887,
105.0213

■ 43.7822, 35.0677,
99.0689

■ 89.1090, 92.3262,
107.7319

■ 36.4678, 26.2455,
97.7516

95.0500, 100.0000,
108.9000

■ 30.5911, 19.3671,
96.7336

■ 26.0519, 14.2812,
95.9912

■ 22.7369, 10.8135,
95.4966

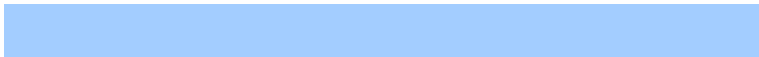
■ 20.5114, 8.7532,
95.2162

■ 19.5896, 8.0137,
95.1221

Harmonies

Analogous

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



56.2289, 59.0690, 109.9234



63.0739, 59.0690, 102.6848



68.3961, 59.0690, 84.8379

Triad

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



63.0739, 59.0690, 102.6848



62.9138, 59.0690, 36.7698



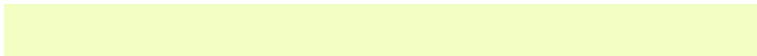
43.9688, 59.0690, 64.5615

Complementary

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



63.0739, 59.0690, 102.6848



82.1167, 94.2928, 64.9139

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.



45.4489, 59.0690, 47.4032



63.0739, 59.0690, 102.6848



56.0578, 59.0690, 33.4747

Square

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



63.0739, 59.0690, 102.6848



68.2985, 59.0690, 47.0576



49.7400, 59.0690, 36.9389



45.5233, 59.0690, 85.3496

Rectangle

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



63.0739, 59.0690, 102.6848



70.1648, 59.0690, 70.8375



49.7400, 59.0690, 36.9389



44.1265, 59.0690, 58.2078

Sweetspot

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



63.0756, 59.0713, 102.6852



84.6375, 86.5679, 106.8561



72.2903, 82.6720, 106.7549



17.9327, 18.2935, 22.8358



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.



63.0756, 59.0713, 102.6852



57.5599, 52.1326, 101.6366



72.1682, 63.7587, 103.1107



17.3647, 17.5642, 22.7250



10.3362, 4.2390, 49.7080



1.0930, 0.4574, 4.8439

Inverse Universe

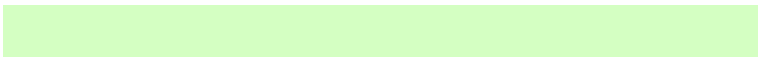
The Inverse Universe completely reimagines the original color for something new.



76.5601, 66.2565, 92.7596



73.3897, 60.5744, 89.6724



72.7370, 89.4574, 64.4749



18.6171, 18.2302, 21.8670



27.0938, 13.3268, 30.2079



2.6774, 1.3133, 3.1487

Previews

White Background



This preview shows how the XYZ color 63.0739, 59.0690, 102.6848 looks on a white background.

Color Contrast Check

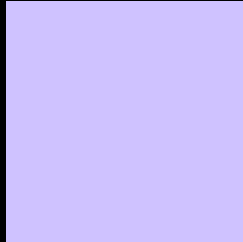
Large Text (above 18pt) WCAG AA × Fail

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 63.0739, 59.0690, 102.6848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

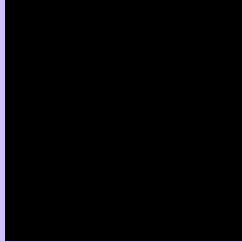
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.0739, 59.0690, 102.6848

Background



This preview shows how black text looks on a background with the XYZ color 63.0739, 59.0690, 102.6848.

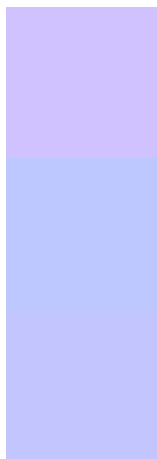


This preview shows how white text looks on a background with the XYZ color 63.0739, 59.0690,

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

63.0739, 59.0690, 102.6848

Protanopia

59.4433, 59.2199, 102.9053

Deuteranopia

60.5892, 59.1460, 101.9889



Tritanopia

57.2304, 59.0624, 74.0295

Trichromacy



Original Color

63.0739, 59.0690, 102.6848

Protanomaly

60.7498, 59.2103, 102.8346

Deuteranomaly

61.4088, 59.2304, 101.9619

Tritanomaly

59.2465, 58.8542, 83.8387

Monochromacy



Original Color

63.0739, 59.0690, 102.6848

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 63.0739, 59.0690, 102.6848 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(207, 194, 255)` looks like.

```
.text, #text, p{  
    color:rgb(207, 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(207, 194, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 194, 255) }
```

Border

The CSS property to change the border of an element to XYZ 63.0739, 59.0690, 102.6848 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(207, 194, 255) }
```


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

```
.border{ border-color:rgb(207, 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(207, 194, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 194, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 194, 255);  
box-shadow:4px 4px 4px 4px rgb(207, 194,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 63.0739, 59.0690, 102.6848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 194, 255) }
```

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

```
.background{ background-color: rgb(207,  
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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