

Converting Colors

XYZ(62.4842, 59.7848,
102.0123)

Have a look what the booklet for
XYZ(62.4842, 59.7848, 102.0123)
contains.

XYZ(62.4842, 59.7848, 102.0123)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(62.4842, 59.7848,
102.0123)**

Conversions

Conversions Part 1

Format	Color
Hex	CBC5FE
RGB	203, 197, 254
RGB Percent	80%, 77%, 100%
CMY	0.2039, 0.2274, 0.0039
CMYK	0.20, 0.22, 0.00, 0.00
HSL	246°, 97%, 88%
HSV	246°, 22%, 100%
XYZ	62.4842, 59.7848, 102.0123
YIQ	205.2920, -14.7210, 18.9990

Conversions

Conversions Part 2

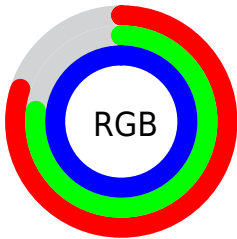
Format	Color
R _Y B	203, 197, 254
Decimal	13354494
CIE Lab	81.72, 13.55, -27.22
CIE LCh	82, 30.402, 296.460
Yxy	59.7848, 0.2786, 0.2666
Android (android.graphics.Color)	4291544574 (0xFFCBC5FE)
YUV	205.2920, 24.0130, -2.0101
Hunter-Lab	77.3206, 8.9380, -24.0993

Details

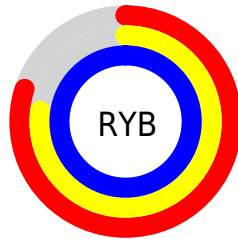
The XYZ color **62.4842, 59.7848, 102.0123** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **84.2333, 94.8729, 66.6988**, and the grayscale version is **58.0744, 61.0987, 66.5365**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **32.1132, 29.9720, 56.9160** is the 20% darker color. If you saturate the color by 10%, you get **51.4535, 46.2469, 99.9816**, and if you desaturate by 10%, it is **75.3978, 75.7387, 104.4121**.

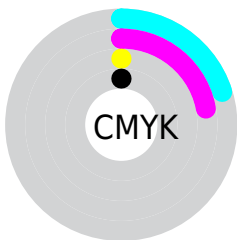
Distribution



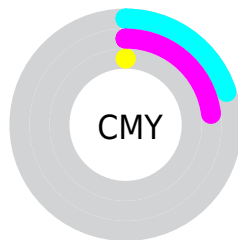
- Red (80%)
- Green (77%)
- Blue (100%)



- Red (80%)
- Yellow (77%)
- Blue (100%)



- Cyan (20%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (23%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.4842, 59.7848, 102.0123 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 62.4842, 59.7848, 102.0123 by changing the saturation by 10% instead.

■ 62.4842, 59.7848,
102.0123

■ 62.4842, 59.7848,
102.0123

423.3846,
423.8041, 587.9269

■ 45.6811, 43.2452,
77.3559

107.5110,
104.5174, 165.9957

■ 32.1978, 30.0776,
57.0317

136.4655,
133.4793, 206.1599

■ 21.6689, 19.8975,
40.6212

170.2012,
167.3506, 252.3304

■ 13.7291, 12.3205,
27.7057

209.0833,
206.5159, 304.9258

■ 8.0129, 6.9624,
17.8669

253.4774,
251.3595, 364.3646

■ 4.1551, 3.4386,
10.6860

303.7488,

■ 1.7902, 1.3648,

302.2658, 431.0653

5.7446

360.2627,
359.6192, 505.4466

■ 0.5118, 0.1905,
2.6241

■ 0.0000, 0.0000,
0.9049

■ 62.4842, 59.7848,
102.0123

■ 62.4842, 59.7848,
102.0123

■ 51.4535, 46.2469,
99.9816

■ 75.3978, 75.7387,
104.4121

■ 42.2118, 35.0000,
98.2978

■ 90.2706, 94.2107,
107.1936

■ 34.6660, 25.9191,
96.9427

94.8896, 99.9358,
108.0553

■ 28.7123, 18.8641,
95.8948

■ 24.2351, 13.6787,
95.1299

■ 21.1030, 10.1831,
94.6202

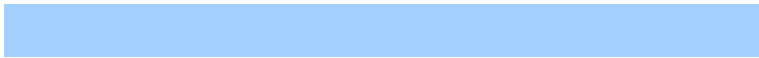
■ 19.1608, 8.1620,
94.3325

■ 18.3345, 7.3852,
94.2261

Harmonies

Analogous

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



56.0673, 59.7848, 106.9804



62.4842, 59.7848, 102.0123



67.7084, 59.7848, 86.5705

Triad

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



62.4842, 59.7848, 102.0123



63.8966, 59.7848, 39.9206



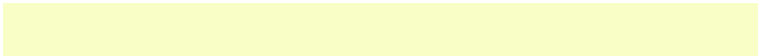
45.4066, 59.7848, 62.9439

Complementary

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



62.4842, 59.7848, 102.0123



84.2333, 94.8729, 66.6988

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.



47.1728, 59.7848, 47.5025



62.4842, 59.7848, 102.0123



57.5868, 59.7848, 35.8788

Square

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



62.4842, 59.7848, 102.0123



68.5658, 59.7848, 50.6230



51.5157, 59.7848, 38.3706



46.5050, 59.7848, 82.0927

Rectangle

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



62.4842, 59.7848, 102.0123



69.6447, 59.7848, 73.6989



51.5157, 59.7848, 38.3706



45.6814, 59.7848, 57.1891

Sweetspot

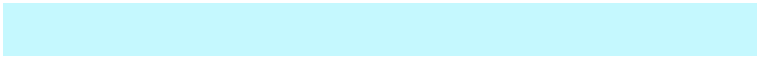
The Sweet Spot groups the original color and five complimentary colors.



62.4861, 59.7872, 102.0137



83.9838, 86.2309, 106.8256



74.5769, 86.3471, 106.5030



17.7818, 18.2157, 22.8287



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.



62.4861, 59.7872, 102.0137



57.7338, 53.7905, 101.9475



70.8773, 64.1130, 102.4064



17.1804, 17.4692, 22.7163



9.7226, 3.9227, 49.6793



1.0023, 0.4106, 4.8397

Inverse Universe

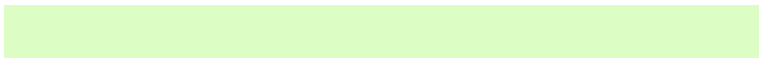
The Inverse Universe completely reimagines the original color for something new.



77.7846, 67.7831, 97.7934



75.7358, 63.2031, 96.8153



74.9764, 90.1008, 66.2655



18.7054, 18.2655, 22.3320



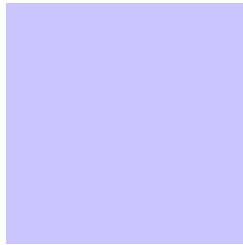
28.9113, 14.0538, 39.7791



2.8377, 1.3774, 3.9926

Previews

White Background



This preview shows how the XYZ color 62.4842, 59.7848, 102.0123 looks on a white background.

Color Contrast Check

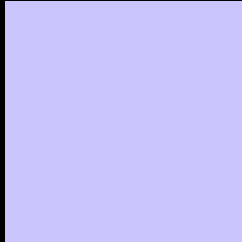
Large Text (above 18pt) WCAG AA × Fail

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 62.4842, 59.7848, 102.0123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

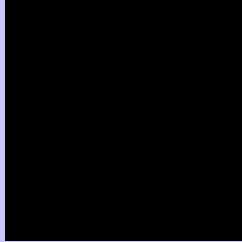
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.4842, 59.7848, 102.0123

Background



This preview shows how black text looks on a background with the XYZ color 62.4842, 59.7848, 102.0123.



This preview shows how white text looks on a background with the XYZ color 62.4842, 59.7848,

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

62.4842, 59.7848, 102.0123

Protanopia

60.1718, 59.9404, 103.0060

Deuteranopia

61.3388, 59.8729, 102.0897



Tritanopia

57.1681, 59.6967, 75.5274

Trichromacy



Original Color

62.4842, 59.7848, 102.0123

Protanomaly

61.2100, 60.1307, 102.9880

Deuteranomaly

61.6367, 59.6860, 102.0379

Tritanomaly

59.0053, 59.7416, 84.7653

Monochromacy



Original Color

62.4842, 59.7848, 102.0123

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

59.3417, 60.4061, 78.3439

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4842, 59.7848, 102.0123 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(203, 197, 254)` looks like.

```
.text, #text, p{  
    color:rgb(203, 197, 254)  
}
```

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(203, 197, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 197, 254) }
```

Border

The CSS property to change the border of an element to XYZ 62.4842, 59.7848, 102.0123 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(203, 197, 254) }
```


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

```
.border{ border-color:rgb(203, 197, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 197, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 197, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 197, 254);  
box-shadow:4px 4px 4px 4px rgb(203, 197,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4842, 59.7848, 102.0123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 197, 254) }
```

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

```
.background{ background-color: rgb(203,  
197, 254) }
```

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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