

Converting Colors

XYZ(62.7302, 58.8257,
102.6560)

Have a look what the booklet for
XYZ(62.7302, 58.8257, 102.6560)
contains.

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Color

**XYZ(62.7954, 58.9254,
102.6718)**

Conversions

Conversions Part 1

Format	Color
Hex	CEC2FF
RGB	206, 194, 255
RGB Percent	81%, 76%, 100%
CMY	0.1921, 0.2392, 0.0000
CMYK	0.19, 0.24, 0.00, 0.00
HSL	252°, 100%, 88%
HSV	252°, 24%, 100%
XYZ	62.7954, 58.9254, 102.6718
YIQ	204.5420, -12.4290, 21.5150

Conversions

Conversions Part 2

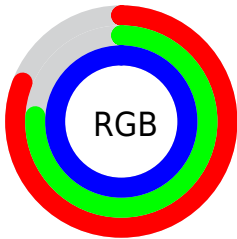
Format	Color
R _Y B	206, 194, 255
Decimal	13550335
CIE Lab	81.25, 16.29, -28.45
CIE LCh	81, 32.785, 299.803
Yxy	58.9254, 0.2798, 0.2626
Android (android.graphics.Color)	4291740415 (0xFFCEC2FF)
YUV	204.5420, 24.8758, 1.2787
Hunter-Lab	76.7629, 11.6858, -25.5675

Details

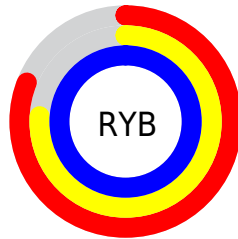
The XYZ color **62.7954, 58.9254, 102.6718** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.4608, 94.4702, 64.9300**, and the grayscale version is **57.5920, 60.5913, 65.9839**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **32.3336, 29.4127, 57.3991** is the 20% darker color. If you saturate the color by 10%, you get **52.2789, 45.7908, 100.6909**, and if you desaturate by 10%, it is **75.0302, 74.3942, 105.0127**.

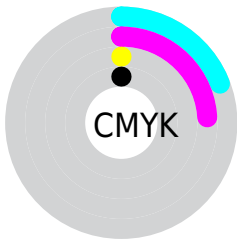
Distribution



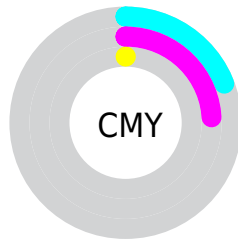
- Red (81%)
- Green (76%)
- Blue (100%)



- 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 62.7954, 58.9254, 102.6718 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 62.7954, 58.9254, 102.6718 by changing the saturation by 10% instead.

62.7954, 58.9254,
102.6718

62.7954, 58.9254,
102.6718

424.4980,
420.6254, 590.0448

45.9337, 42.5531,
77.9045

107.9578,
103.2692, 166.9078

32.3979, 29.5346,
57.4795

136.9892,
132.0095, 207.2136

21.8226, 19.4856,
40.9784

170.8078,
165.6413, 253.5359

13.8425, 12.0217,
27.9827

209.7792,
204.5488, 306.2934

8.0922, 6.7585,
18.0737

254.2685,
249.1166, 365.9044

4.2063, 3.3115,
10.8329

304.6412,

1.8195, 1.2964,

299.7291, 432.7877

5.8418

361.2626,
356.7705, 507.3616

■ 0.5294, 0.1384,
2.6819

■ 0.0000, 0.0000,
0.9343

■ 62.7954, 58.9254,
102.6718

■ 62.7954, 58.9254,
102.6718

■ 52.2789, 45.7908,
100.6909

■ 75.0302, 74.3942,
105.0127

■ 43.3974, 34.8693,
99.0509

■ 89.0511, 92.2963,
107.7292

■ 36.0683, 26.0395,
97.7329

95.0500, 100.0000,
108.9000

■ 30.1994, 19.1651,
96.7153

■ 25.6884, 14.0938,
95.9742

■ 22.4191, 10.6497,
95.4817

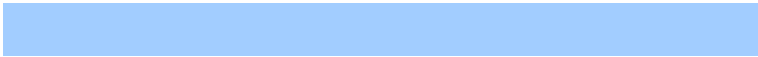
■ 20.2534, 8.6202,
95.2041

■ 19.3733, 7.9022,
95.1119

Harmonies

Analogous

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



55.9616, 58.9254, 109.6332



62.7954, 58.9254, 102.6718



68.1498, 58.9254, 85.0121

Triad

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



62.7954, 58.9254, 102.6718



62.8799, 58.9254, 36.8190



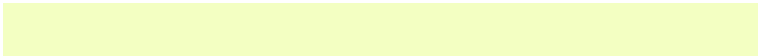
43.8667, 58.9254, 64.0304

Complementary

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



62.7954, 58.9254, 102.6718



82.4608, 94.4702, 64.9300

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.



45.3994, 58.9254, 47.0307



62.7954, 58.9254, 102.6718



56.0520, 58.9254, 33.4037

Square

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



62.7954, 58.9254, 102.6718



68.2014, 58.9254, 47.2133



49.7260, 58.9254, 36.7297



45.3601, 58.9254, 84.7419

Rectangle

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



62.7954, 58.9254, 102.6718



69.9615, 58.9254, 71.0558



49.7260, 58.9254, 36.7297



44.0433, 58.9254, 57.7249

Sweetspot

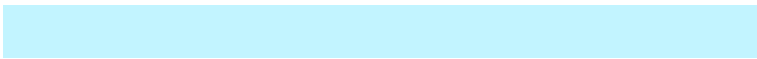
The Sweet Spot groups the original color and five complimentary colors.



62.7971, 58.9277, 102.6722



84.5377, 86.5165, 106.8515



72.5950, 83.2815, 106.8565



17.9096, 18.2816, 22.8347



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.



62.7971, 58.9277, 102.6722



57.2442, 51.9698, 101.6218



71.8302, 63.5845, 103.0949



17.3365, 17.5497, 22.7236



10.2169, 4.1775, 49.7024



1.0776, 0.4494, 4.8432

Inverse Universe

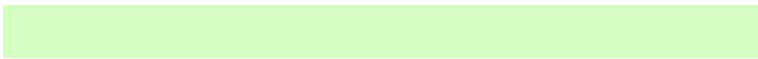
The Inverse Universe completely reimagines the original color for something new.



76.7107, 66.3167, 93.5527



73.5697, 60.6463, 90.6201



73.0315, 89.6092, 64.4887



18.6305, 18.2355, 21.9372



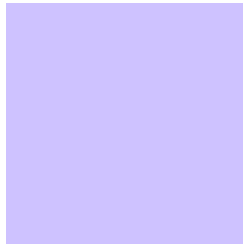
27.3507, 13.4296, 31.5610



2.7003, 1.3225, 3.2692

Previews

White Background



This preview shows how the XYZ color 62.7954, 58.9254, 102.6718 looks on a white background.

Color Contrast Check

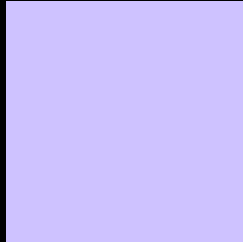
Large Text (above 18pt) WCAG AA × Fail

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 62.7954, 58.9254, 102.6718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

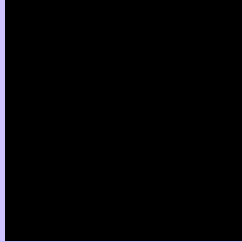
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.7954, 58.9254, 102.6718

Background



This preview shows how black text looks on a background with the XYZ color 62.7954, 58.9254, 102.6718.



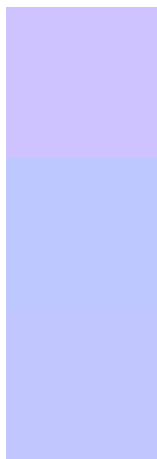
This preview shows how white text looks on a background with the XYZ color 62.7954, 58.9254,

102.6718.

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

62.7954, 58.9254, 102.6718

Protanopia

59.4433, 59.2199, 102.9053

Deuteranopia

60.3316, 59.0133, 101.9768



Tritanopia

56.9642, 58.9252, 74.0170

Trichromacy



Original Color

62.7954, 58.9254, 102.6718

Protanomaly

60.7498, 59.2103, 102.8346

Deuteranomaly

61.1443, 59.0940, 101.9496

Tritanomaly

58.9750, 58.7142, 83.8260

Monochromacy



Original Color

62.7954, 58.9254, 102.6718

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

59.3828, 60.0801, 78.2789

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.7954, 58.9254, 102.6718 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(206, 194, 255)` looks like.

```
.text, #text, p{  
    color:rgb(206, 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(206, 194, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 194, 255) }
```

Border

The CSS property to change the border of an element to XYZ 62.7954, 58.9254, 102.6718 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(206, 194, 255) }
```


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

```
.border{ border-color:rgb(206, 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(206, 194, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 194, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 194, 255);  
box-shadow:4px 4px 4px 4px rgb(206, 194,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 62.7954, 58.9254, 102.6718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 194, 255) }
```

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

```
.background{ background-color: rgb(206,  
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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