

Converting Colors

XYZ(62.0762, 58.2485, 98.9391)

Have a look what the booklet for
XYZ(62.0762, 58.2485, 98.9391)
contains.

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Color

**XYZ(62.2147, 58.3704,
99.2543)**

Conversions

Conversions Part 1

Format	Color
Hex	CFC1FB
RGB	207, 193, 251
RGB Percent	81%, 76%, 98%
CMY	0.1882, 0.2431, 0.0157
CMYK	0.18, 0.23, 0.00, 0.02
HSL	254°, 88%, 87%
HSV	254°, 23%, 98%
XYZ	62.2147, 58.3704, 99.2543
YIQ	203.7980, -10.2740, 21.0060

Conversions

Conversions Part 2

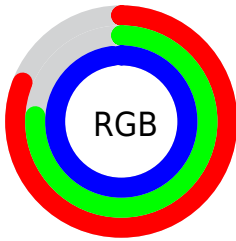
Format	Color
R_{YB}	207, 193, 251
Decimal	13615611
CIE _{Lab}	80.94, 16.27, -26.78
CIE _{LCh}	81, 31.331, 301.281
Yxy	58.3704, 0.2830, 0.2655
Android (android.graphics.Color)	4291805691 (0xFFCFC1FB)
YUV	203.7980, 23.2706, 2.8082
Hunter-Lab	76.4005, 11.6557, -23.5451

Details

The XYZ color **62.2147, 58.3704, 99.2543** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.0497, 90.8506, 63.8243**, and the grayscale version is **57.1310, 60.1063, 65.4558**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **31.9191, 29.0357, 54.9611** is the 20% darker color. If you saturate the color by 10%, you get **52.1271, 45.6214, 97.3261**, and if you desaturate by 10%, it is **73.8893, 73.3381, 101.5290**.

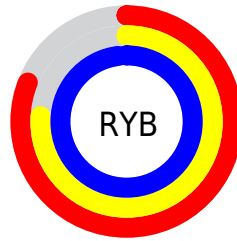
Distribution



Red (81%)

Green (76%)

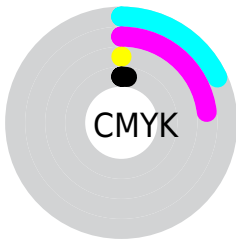
Blue (98%)



Red (81%)

Yellow (76%)

Blue (98%)

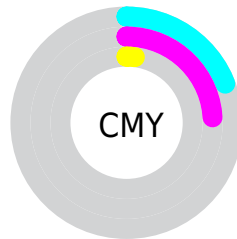


Cyan (18%)

Magenta (23%)

Yellow (0%)

Black (2%)



Cyan (19%)

Magenta (24%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.2147, 58.3704, 99.2543 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 62.2147, 58.3704, 99.2543 by changing the saturation by 10% instead.

62.2147, 58.3704,
99.2543

62.2147, 58.3704,
99.2543

422.4189,
418.5647, 579.0255

45.4625, 42.1065,
75.0645

107.1240,
102.4621, 162.1750

32.0247, 29.1847,
55.1637

136.0117,
131.0586, 201.7429

21.5360, 19.2206,
39.1333

169.6753,
164.5348, 247.2740

13.6310, 11.8298,
26.5548

208.4801,
203.2751, 299.1868

7.9445, 6.6279,
17.0097

252.7916,
247.6638, 357.8998

4.1109, 3.2305,
10.0794

302.9749,

1.7651, 1.2532,

298.0854, 423.8315

5.3453

359.3956,
354.9242, 497.4006

■ 0.4965, 0.1045,
2.3890

■ 0.0000, 0.0000,
0.7804

■ 62.2147, 58.3704,
99.2543

■ 62.2147, 58.3704,
99.2543

■ 52.1271, 45.6214,
97.3261

■ 73.8893, 73.3381,
101.5290

■ 43.5506, 34.9773,
95.7236

■ 87.2110, 90.6169,
104.1620

■ 36.4114, 26.3247,
94.4298

■ 94.4128, 99.7451,
105.5443

■ 30.6270, 19.5366,
93.4244

■ 26.1058, 14.4708,
92.6849

■ 22.7441, 10.9640,
92.1852

■ 20.4196, 8.8198,
91.8939

■ 19.3116, 7.9440,
91.7832

Harmonies

Analogous

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



55.7589, 58.3704, 106.4009



62.2147, 58.3704, 99.2543



67.1591, 58.3704, 82.3220

Triad

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



62.2147, 58.3704, 99.2543



61.6944, 58.3704, 37.0820



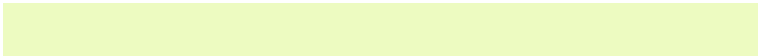
43.9149, 58.3704, 64.3581

Complementary

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



62.2147, 58.3704, 99.2543



79.0497, 90.8506, 63.8243

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.



45.2389, 58.3704, 47.8825



62.2147, 58.3704, 99.2543



55.2007, 58.3704, 34.1021

Square

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



62.2147, 58.3704, 99.2543



66.8426, 58.3704, 46.7453



49.2485, 58.3704, 37.6429



45.4829, 58.3704, 83.9781

Rectangle

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



62.2147, 58.3704, 99.2543



68.7513, 58.3704, 69.1283



49.2485, 58.3704, 37.6429



44.0357, 58.3704, 58.2904

Sweetspot

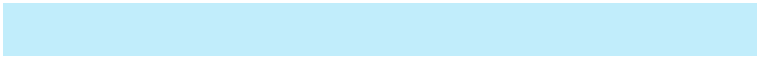
The Sweet Spot groups the original color and five complimentary colors.



62.2166, 58.3728, 99.2556



84.8099, 86.6568, 106.8642



69.8263, 79.1432, 102.8636



17.9725, 18.3140, 22.8377



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.



62.2166, 58.3728, 99.2556



59.1501, 53.7294, 101.8610



70.9217, 62.8605, 99.6630



16.6753, 16.8452, 21.7579



10.2591, 4.2314, 48.2496



1.0410, 0.4387, 4.4730

Inverse Universe

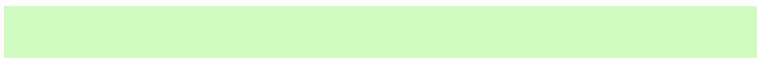
The Inverse Universe completely reimagines the original color for something new.



74.1415, 64.7660, 88.7165



73.6959, 61.5344, 88.7026



70.2685, 86.3237, 63.4133



17.8034, 17.4487, 20.8206



25.8816, 12.7684, 27.1488



2.4384, 1.1991, 2.7322

Previews

White Background



This preview shows how the XYZ color 62.2147, 58.3704, 99.2543 looks on a white background.

Color Contrast Check

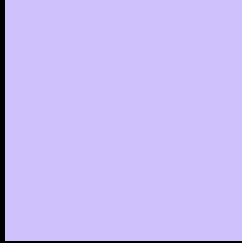
Large Text (above 18pt) WCAG AA × Fail

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 62.2147, 58.3704, 99.2543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

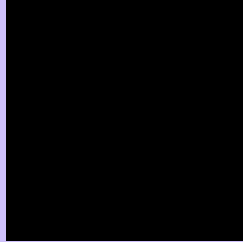
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.2147, 58.3704, 99.2543

Background



This preview shows how black text looks on a background with the XYZ color 62.2147, 58.3704, 99.2543.

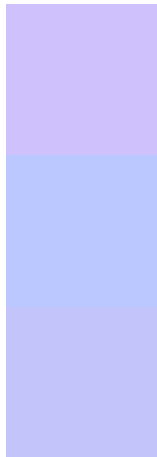


This preview shows how white text looks on a background with the XYZ color 62.2147, 58.3704,

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

62.2147, 58.3704, 99.2543

Protanopia

58.9669, 58.6316, 102.8169

Deuteranopia

59.7272, 58.4367, 98.5739



Tritanopia

57.0074, 58.6324, 72.6025

Trichromacy



Original Color

62.2147, 58.3704, 99.2543

Protanomaly

60.1038, 58.5576, 101.9009

Deuteranomaly

60.5484, 58.5241, 98.5475

Tritanomaly

58.5984, 58.2305, 81.5499

Monochromacy



Original Color

62.2147, 58.3704, 99.2543

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

58.8823, 59.5081, 76.7894

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.2147, 58.3704, 99.2543 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, 193, 251)` looks like.

```
.text, #text, p{  
    color:rgb(207, 193, 251)  
}
```

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, 193, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 193, 251) }
```

Border

The CSS property to change the border of an element to XYZ 62.2147, 58.3704, 99.2543 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, 193, 251) }
```


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

```
.border{ border-color:rgb(207, 193, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 193, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 193, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 193, 251);  
box-shadow:4px 4px 4px 4px rgb(207, 193,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 62.2147, 58.3704, 99.2543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 193, 251) }
```

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

```
.background{ background-color: rgb(207,  
193, 251) }
```

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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