

Converting Colors

XYZ(62.5347, 62.6950,
101.2752)

Have a look what the booklet for
XYZ(62.5347, 62.6950, 101.2752)
contains.

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Color

**XYZ(62.4280, 62.5612,
100.8807)**

Conversions

Conversions Part 1

Format	Color
Hex	C5CDFC
RGB	197, 205, 252
RGB Percent	77%, 80%, 99%
CMY	0.2274, 0.1961, 0.0118
CMYK	0.22, 0.19, 0.00, 0.01
HSL	231°, 90%, 88%
HSV	231°, 22%, 99%
XYZ	62.4280, 62.5612, 100.8807
YIQ	207.9660, -19.8550, 12.9210

Conversions

Conversions Part 2

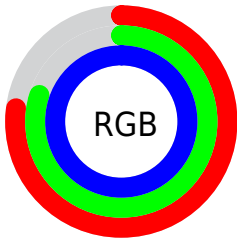
Format	Color
R _Y B	197, 204, 252
Decimal	12963324
CIE Lab	83.21, 6.99, -23.92
CIE LCh	83, 24.923, 286.297
Yxy	62.5612, 0.2764, 0.2770
Android (android.graphics.Color)	4291153404 (0xFFC5CDFC)
YUV	207.9660, 21.7088, -9.6172
Hunter-Lab	79.0956, 2.4677, -20.2531

Details

The XYZ color **62.4280, 62.5612, 100.8807** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.5745, 89.4285, 65.7344**, and the grayscale version is **59.8068, 62.9214, 68.5214**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **32.0723, 31.8241, 56.0820** is the 20% darker color. If you saturate the color by 10%, you get **51.5716, 49.8380, 98.9981**, and if you desaturate by 10%, it is **75.1003, 77.2759, 103.0541**.

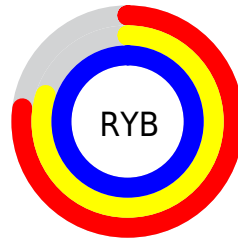
Distribution



Red (77%)

Green (80%)

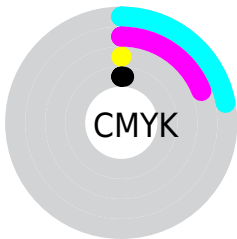
Blue (99%)



Red (77%)

Yellow (80%)

Blue (99%)

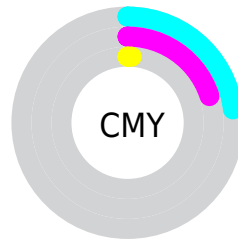


Cyan (22%)

Magenta (19%)

Yellow (0%)

Black (1%)



Cyan (23%)

Magenta (20%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.4280, 62.5612, 100.8807 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 62.4280, 62.5612, 100.8807 by changing the saturation by 10% instead.

■ 62.4280, 62.5612,
100.8807

■ 62.4280, 62.5612,
100.8807

423.1833,
433.9752, 584.2834

■ 45.6355, 45.4863,
76.4153

107.4303,
108.5362, 164.4294

■ 32.1617, 31.8407,
56.2644

136.3709,
138.2051, 204.3497

■ 21.6412, 21.2398,
40.0095

170.0915,
172.8408, 250.2587

■ 13.7086, 13.2994,
27.2321

208.9576,
212.8278, 302.5750

■ 7.9986, 7.6350,
17.5137

253.3345,
258.5503, 361.7170

■ 4.1459, 3.8623,
10.4356

303.5875,

■ 1.7850, 1.5968,

310.3927, 428.1034

5.5793

360.0820,
368.7396, 502.1527

■ 0.5086, 0.3555,
2.5264

■ 0.0000, 0.0000,
0.8541

■ 62.4280, 62.5612,
100.8807

■ 62.4280, 62.5612,
100.8807

■ 51.5716, 49.8380,
98.9981

■ 75.1003, 77.2759,
103.0541

■ 42.4415, 39.0129,
97.3899

■ 89.6607, 94.0551,
105.5254

■ 34.9496, 29.9964,
96.0444

■ 94.5709, 99.8084,
106.3770

■ 28.9972, 22.6884,
94.9475

■ 24.4752, 16.9793,
94.0839

■ 21.2594, 12.7460,
93.4363

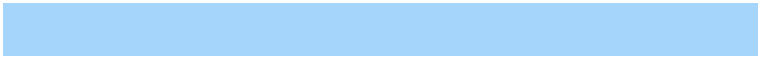
■ 19.2034, 9.8466,
92.9850

■ 18.2220, 8.3305,
92.7441

Harmonies

Analogous

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



57.0335, 62.5612, 101.3346



62.4280, 62.5612, 100.8807



67.2998, 62.5612, 90.8315

Triad

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



62.4280, 62.5612, 100.8807



66.9390, 62.5612, 48.7807



49.9229, 62.5612, 61.3057

Complementary

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



62.4280, 62.5612, 100.8807



82.5745, 89.4285, 65.7344

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.



52.2587, 62.5612, 49.5476



62.4280, 62.5612, 100.8807



61.9596, 62.5612, 43.0923

Square

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



62.4280, 62.5612, 100.8807



70.0102, 62.5612, 60.1000



56.5925, 62.5612, 43.3499



50.0314, 62.5612, 76.8202

Rectangle

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



62.4280, 62.5612, 100.8807



69.4993, 62.5612, 80.8029



56.5925, 62.5612, 43.3499



50.4419, 62.5612, 56.8363

Sweetspot

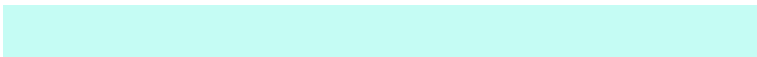
The Sweet Spot groups the original color and five complimentary colors.



62.4300, 62.5637, 100.8821



84.1108, 87.4216, 107.0487



74.1290, 88.0089, 98.4707



17.8111, 18.4904, 22.8802



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.



62.4300, 62.5637, 100.8821



59.2350, 58.5467, 102.7864



65.9314, 61.5997, 100.5115



16.4867, 17.0503, 21.8074



9.5551, 4.4659, 48.3319



0.9443, 0.5324, 4.4962

Inverse Universe

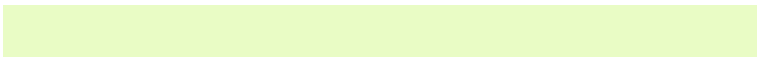
The Inverse Universe completely reimagines the original color for something new.



71.1322, 65.0376, 66.5647



69.6061, 61.6194, 61.8602



78.4125, 90.9349, 66.2446



17.3475, 17.2663, 18.4195



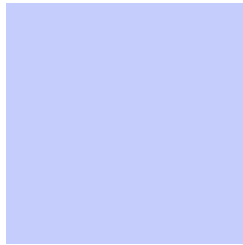
21.1150, 10.8617, 2.0482



1.9856, 1.0180, 0.3475

Previews

White Background



This preview shows how the XYZ color 62.4280, 62.5612, 100.8807 looks on a white background.

Color Contrast Check

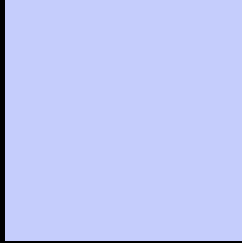
Large Text (above 18pt) WCAG AA × Fail

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 62.4280, 62.5612, 100.8807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

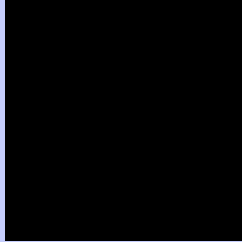
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.4280, 62.5612, 100.8807

Background



This preview shows how black text looks on a background with the XYZ color 62.4280, 62.5612, 100.8807.



This preview shows how white text looks on a background with the XYZ color 62.4280, 62.5612,

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

62.4280, 62.5612, 100.8807

Protanopia

62.4280, 62.5612, 100.8807

Deuteranopia

63.8285, 62.5775, 100.8100



Tritanopia

58.5123, 62.7906, 80.9874

Trichromacy



Original Color

62.4280, 62.5612, 100.8807

Protanomaly

62.4280, 62.5612, 100.8807

Deuteranomaly

63.2509, 62.6315, 100.8509

Tritanomaly

59.7994, 62.5792, 87.5245

Monochromacy



Original Color

62.4280, 62.5612, 100.8807

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

60.6692, 62.8448, 79.4537

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4280, 62.5612, 100.8807 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(197, 205, 252)` looks like.

```
.text, #text, p{  
    color:rgb(197, 205, 252)  
}
```

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(197, 205, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 205, 252) }
```

Border

The CSS property to change the border of an element to XYZ 62.4280, 62.5612, 100.8807 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(197, 205, 252) }
```


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

```
.border{ border-color:rgb(197, 205, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 205, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 205, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 205, 252);  
box-shadow:4px 4px 4px 4px rgb(197, 205,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4280, 62.5612, 100.8807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 205, 252) }
```

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

```
.background{ background-color: rgb(197,  
205, 252) }
```

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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