

Converting Colors

XYZ(63.5500, 62.3467,
102.3724)

Have a look what the booklet for
XYZ(63.5500, 62.3467, 102.3724)
contains.

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Color

**XYZ(63.6024, 62.4242,
102.4628)**

Conversions

Conversions Part 1

Format	Color
Hex	CACBFE
RGB	202, 203, 254
RGB Percent	79%, 80%, 100%
CMY	0.2078, 0.2039, 0.0039
CMYK	0.20, 0.20, 0.00, 0.00
HSL	239°, 96%, 89%
HSV	239°, 20%, 100%
XYZ	63.6024, 62.4242, 102.4628
YIQ	208.5150, -16.9670, 15.6490

Conversions

Conversions Part 2

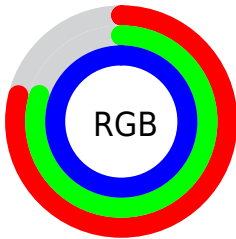
Format	Color
R _Y B	202, 203, 254
Decimal	13290494
CIE Lab	83.14, 10.01, -25.06
CIE LCh	83, 26.988, 291.783
Yxy	62.4242, 0.2784, 0.2732
Android (android.graphics.Color)	4291480574 (0xFFCACBFE)
YUV	208.5150, 22.4241, -5.7137
Hunter-Lab	79.0090, 5.4271, -21.5839

Details

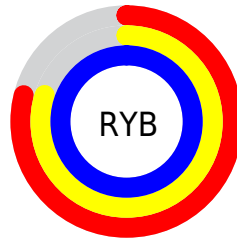
The XYZ color **63.6024, 62.4242, 102.4628** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86.6595, 95.5855, 69.7611**, and the grayscale version is **60.1569, 63.2897, 68.9225**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.8581, 31.7292, 57.2159** is the 20% darker color. If you saturate the color by 10%, you get **51.8697, 48.3345, 100.3626**, and if you desaturate by 10%, it is **77.4154, 78.9924, 104.9338**.

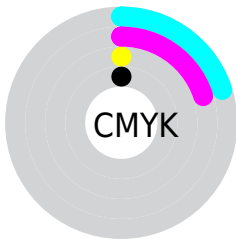
Distribution



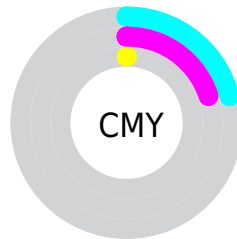
- Red (79%)
- Green (80%)
- Blue (100%)



- Red (79%)
- Yellow (80%)
- Blue (100%)



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



- Cyan (21%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.6024, 62.4242, 102.4628 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 63.6024, 62.4242, 102.4628 by changing the saturation by 10% instead.

■ 63.6024, 62.4242,
102.4628

■ 63.6024, 62.4242,
102.4628

427.3774,
433.4768, 589.3741

■ 46.5892, 45.3756,
77.7306

109.1151,
108.3384, 166.6188

■ 32.9176, 31.7533,
57.3376

138.3452,
137.9727, 206.8798

■ 22.2223, 21.1732,
40.8652

172.3784,
172.5710, 253.1540

■ 14.1378, 13.2506,
27.8948

211.5800,
212.5178, 305.8601

■ 8.2989, 7.6014,
18.0080

256.3154,
258.1973, 365.4167

■ 4.3402, 3.8409,
10.7863

306.9498,

■ 1.8964, 1.5850,

309.9941, 432.2421

5.8109

363.8487,
368.2924, 506.7551

■ 0.5747, 0.3475,
2.6635

■ 0.0000, 0.0000,
0.9250

■ 63.6024, 62.4242,
102.4628

■ 63.6024, 62.4242,
102.4628

■ 51.8697, 48.3345,
100.3626

■ 77.4154, 78.9924,
104.9338

■ 42.1109, 36.5970,
98.6114

■ 93.3961, 98.1421,
107.7878

■ 34.2194, 27.0860,
97.1915

■ 94.8896, 99.9358,
108.0553

■ 28.0760, 19.6608,
96.0821

■ 23.5479, 14.1649,
95.2599

■ 20.4833, 10.4196,
94.6986

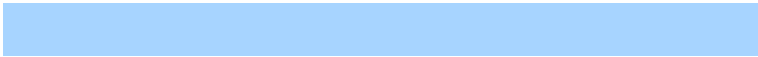
■ 18.7014, 8.2132,
94.3666

■ 17.9427, 7.2621,
94.2230

Harmonies

Analogous

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



57.7400, 62.4242, 105.0723



63.6024, 62.4242, 102.4628



68.6099, 62.4242, 89.8954

Triad

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



63.6024, 62.4242, 102.4628



66.5621, 62.4242, 45.6829



48.8872, 62.4242, 63.4708

Complementary

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



63.6024, 62.4242, 102.4628



86.6595, 95.5855, 69.7611

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.



50.9312, 62.4242, 49.9342



63.6024, 62.4242, 102.4628



60.9536, 62.4242, 40.8251

Square

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



63.6024, 62.4242, 102.4628



70.3953, 62.4242, 56.7087



55.2578, 62.4242, 42.2423



49.4937, 62.4242, 80.6300

Rectangle

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



63.6024, 62.4242, 102.4628



70.6637, 62.4242, 78.5392



55.2578, 62.4242, 42.2423



49.2821, 62.4242, 58.3931

Sweetspot

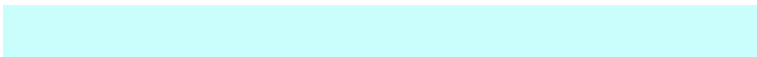
The Sweet Spot groups the original color and five complimentary colors.



63.6044, 62.4267, 102.4642



85.0420, 88.0099, 107.1132



77.4132, 90.4866, 105.7038



17.9797, 18.5708, 22.8868



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.



63.6044, 62.4267, 102.4642



58.5537, 56.2386, 102.3768



70.4590, 65.6103, 102.7174



17.0311, 17.4338, 22.7174



9.4715, 3.8526, 49.6790



0.9316, 0.3940, 4.8402

Inverse Universe

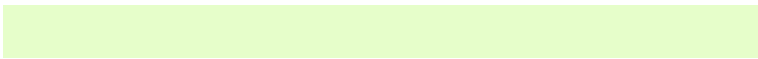
The Inverse Universe completely reimagines the original color for something new.



72.7746, 67.6253, 65.7201



69.4929, 62.4578, 58.5405



78.6513, 91.9280, 69.4772



18.0236, 17.9927, 18.7414



21.5690, 11.1169, 1.1148



2.1049, 1.0843, 0.1336

Previews

White Background



This preview shows how the XYZ color 63.6024, 62.4242, 102.4628 looks on a white background.

Color Contrast Check

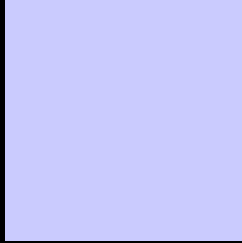
Large Text (above 18pt) WCAG AA × Fail

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 63.6024, 62.4242, 102.4628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

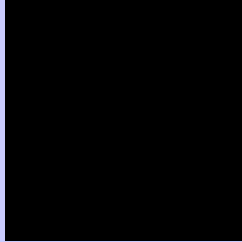
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.6024, 62.4242, 102.4628

Background



This preview shows how black text looks on a background with the XYZ color 63.6024, 62.4242, 102.4628.

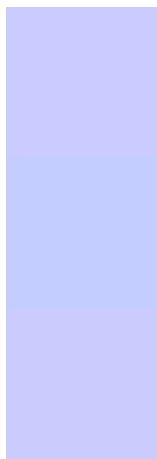


This preview shows how white text looks on a background with the XYZ color 63.6024, 62.4242,

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

63.6024, 62.4242, 102.4628

Protanopia

62.3870, 62.4847, 103.3804

Deuteranopia

63.8739, 62.5641, 102.4755



Tritanopia

59.1724, 62.4183, 80.1634

Trichromacy



Original Color

63.6024, 62.4242, 102.4628

Protanomaly

62.9316, 62.4115, 103.3375

Deuteranomaly

63.8739, 62.5641, 102.4755

Tritanomaly

60.7648, 62.3409, 88.1872

Monochromacy



Original Color

63.6024, 62.4242, 102.4628

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

61.3570, 63.1837, 80.1960

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.6024, 62.4242, 102.4628 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(202, 203, 254)` looks like.

```
.text, #text, p{  
    color:rgb(202, 203, 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(202, 203, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 203, 254) }
```

Border

The CSS property to change the border of an element to XYZ 63.6024, 62.4242, 102.4628 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(202, 203, 254) }
```


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

```
.border{ border-color:rgb(202, 203, 254) }
```

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

Here you see how a box with a 4 pixel rgb(202, 203, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 203, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 203, 254);  
box-shadow:4px 4px 4px 4px rgb(202, 203,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 63.6024, 62.4242, 102.4628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 203, 254) }
```

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

```
.background{ background-color: rgb(202,  
203, 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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