

Converting Colors

XYZ(62.2423, 63.7310, 99.5259)

Have a look what the booklet for
XYZ(62.2423, 63.7310, 99.5259)
contains.

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Color

**XYZ(62.0593, 63.4832,
99.4251)**

Conversions

Conversions Part 1

Format	Color
Hex	C2D0FA
RGB	194, 208, 250
RGB Percent	76%, 82%, 98%
CMY	0.2392, 0.1843, 0.0196
CMYK	0.22, 0.17, 0.00, 0.02
HSL	225°, 85%, 87%
HSV	225°, 22%, 98%
XYZ	62.0593, 63.4832, 99.4251
YIQ	208.6020, -21.8260, 10.0940

Conversions

Conversions Part 2

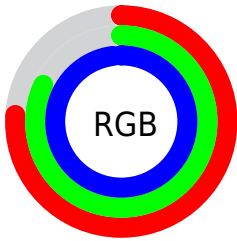
Format	Color
RYB	194, 205, 250
Decimal	12767482
CIELab	83.70, 4.05, -22.14
CIELCh	84, 22.510, 280.355
Yxy	63.4832, 0.2759, 0.2822
Android (android.graphics.Color)	4290957562 (0xFFC2D0FA)
YUV	208.6020, 20.4092, -12.8060
Hunter-Lab	79.6763, -0.4013, -18.2123

Details

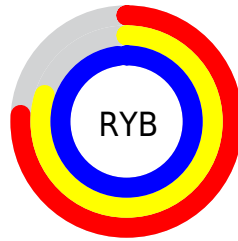
The XYZ color **62.0593, 63.4832, 99.4251** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.1581, 84.2101, 63.1226**, and the grayscale version is **60.2283, 63.3649, 69.0043**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **31.9965, 32.5369, 55.0459** is the 20% darker color. If you saturate the color by 10%, you get **51.8708, 51.8426, 97.7163**, and if you desaturate by 10%, it is **73.8715, 76.7662, 101.3675**.

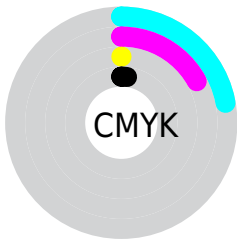
Distribution



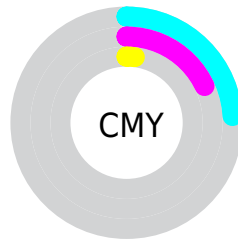
- Red (76%)
- Green (82%)
- Blue (98%)



- Red (76%)
- Yellow (80%)
- Blue (98%)



- Cyan (22%)
- Magenta (17%)
- Yellow (0%)
- Black (2%)



- Cyan (24%)
- Magenta (18%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.0593, 63.4832, 99.4251 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 62.0593, 63.4832, 99.4251 by changing the saturation by 10% instead.

■ 62.0593, 63.4832,
99.4251

■ 62.0593, 63.4832,
99.4251

421.8615,
437.3210, 579.5788

■ 45.3364, 46.2322,
75.2063

■ 106.9007,
109.8663, 162.4119

■ 31.9249, 32.4291,
55.2792

135.7499,
139.7673, 202.0170

■ 21.4594, 21.6895,
39.2252

169.3719,
174.6536, 247.5879

■ 13.5746, 13.6289,
26.6258

208.1321,
214.9099, 299.5432

■ 7.9051, 7.8630,
17.0624

252.3957,
260.9203, 358.3013

■ 4.0856, 4.0074,
10.1166

302.5283,

■ 1.7507, 1.6777,

313.0694, 424.2810

5.3697

358.8951,
371.7415, 497.9007

■ 0.4877, 0.4092,
2.4033

■ 0.0000, 0.0000,
0.7882

■ 62.0593, 63.4832,
99.4251

■ 62.0593, 63.4832,
99.4251

■ 51.8708, 51.8426,
97.7163

■ 73.8715, 76.7662,
101.3675

■ 43.2273, 41.7712,
96.2279

■ 87.3695, 91.7453,
103.5473

■ 36.0524, 33.2019,
94.9520

■ 94.2555, 99.6822,
104.7163

■ 30.2604, 26.0591,
93.8786

■ 25.7564, 20.2605,
92.9967

■ 22.4325, 15.7142,
92.2944

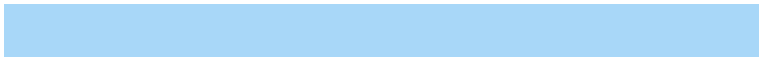
■ 20.1612, 12.3149,
91.7579

■ 19.0060, 10.4031,
91.4498

Harmonies

Analogous

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



57.2069, 63.4832, 97.9815



62.0593, 63.4832, 99.4251



66.6893, 63.4832, 91.9504

Triad

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



62.0593, 63.4832, 99.4251



67.8569, 63.4832, 52.9874



51.8421, 63.4832, 60.3888

Complementary

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



62.0593, 63.4832, 99.4251



79.1581, 84.2101, 63.1226

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.



54.4050, 63.4832, 50.4248



62.0593, 63.4832, 99.4251



63.5832, 63.4832, 46.5718

Square

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



62.0593, 63.4832, 99.4251



70.1554, 63.4832, 64.3553



58.6505, 63.4832, 45.7024



51.4836, 63.4832, 74.1193

Rectangle

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



62.0593, 63.4832, 99.4251



68.9606, 63.4832, 83.4433



58.6505, 63.4832, 45.7024



52.4675, 63.4832, 56.5416

Sweetspot

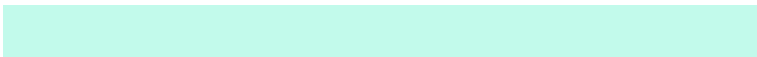
The Sweet Spot groups the original color and five complimentary colors.



62.0613, 63.4858, 99.4265



84.6623, 88.5246, 107.2325



71.4401, 85.8438, 91.4533



17.9384, 18.7451, 22.9227



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.



62.0613, 63.4858, 99.4265



59.7784, 60.5623, 103.1468



62.2993, 58.7623, 98.5023



16.6356, 17.3480, 21.8570



10.1766, 5.7087, 48.5391



1.0228, 0.6893, 4.5223

Inverse Universe

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



70.1029, 63.4633, 68.2321



69.6536, 60.7703, 64.7869



78.8273, 90.2605, 64.3079



17.4226, 17.2964, 18.8152



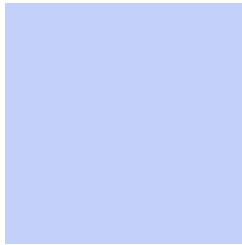
21.4287, 10.9872, 3.6999



2.0252, 1.0338, 0.5561

Previews

White Background



This preview shows how the XYZ color 62.0593, 63.4832, 99.4251 looks on a white background.

Color Contrast Check

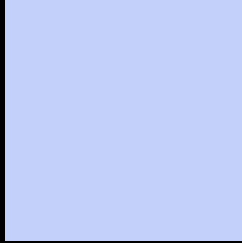
Large Text (above 18pt) WCAG AA × Fail

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 62.0593, 63.4832, 99.4251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

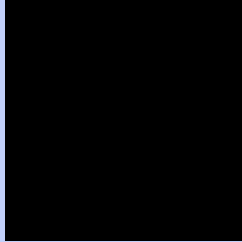
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.0593, 63.4832, 99.4251

Background



This preview shows how black text looks on a background with the XYZ color 62.0593, 63.4832, 99.4251.



This preview shows how white text looks on a background with the XYZ color 62.0593, 63.4832,

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

62.0593, 63.4832, 99.4251

Protanopia

62.9649, 63.6073, 98.5814

Deuteranopia

65.0179, 63.5607, 100.1084



Tritanopia

58.9215, 63.6913, 83.3169

Trichromacy



Original Color

62.0593, 63.4832, 99.4251

Protanomaly

62.4377, 63.3355, 98.5567

Deuteranomaly

63.8725, 63.3242, 100.1231

Tritanomaly

60.0662, 63.7793, 89.2656

Monochromacy



Original Color

62.0593, 63.4832, 99.4251

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

61.1568, 63.8201, 79.6162

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.0593, 63.4832, 99.4251 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(194, 208, 250)` looks like.

```
.text, #text, p{  
    color:rgb(194, 208, 250)  
}
```

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(194, 208, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 208, 250) }
```

Border

The CSS property to change the border of an element to XYZ 62.0593, 63.4832, 99.4251 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(194, 208, 250) }
```


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

```
.border{ border-color:rgb(194, 208, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 208, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 208, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 208, 250);  
box-shadow:4px 4px 4px 4px rgb(194, 208,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 62.0593, 63.4832, 99.4251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 208, 250) }
```

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

```
.background{ background-color: rgb(194,  
208, 250) }
```

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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