

Converting Colors

XYZ(60.0375, 59.9448, 99.6730)

Have a look what the booklet for
XYZ(60.0375, 59.9448, 99.6730)
contains.

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Color

**XYZ(60.0375, 59.9448,
99.6730)**

Conversions

Conversions Part 1

Format	Color
Hex	C0C9FB
RGB	192, 201, 251
RGB Percent	75%, 79%, 98%
CMY	0.2470, 0.2117, 0.0157
CMYK	0.24, 0.20, 0.00, 0.02
HSL	231°, 88%, 87%
HSV	231°, 24%, 98%
XYZ	60.0375, 59.9448, 99.6730
YIQ	204.0090, -21.4140, 13.6420

Conversions

Conversions Part 2

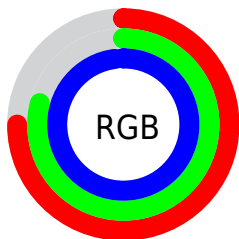
Format	Color
R_{YB}	192, 200, 251
Decimal	12634619
CIE _{Lab}	81.81, 7.42, -25.56
CIE _{LCh}	82, 26.615, 286.189
Yxy	59.9448, 0.2733, 0.2729
Android (android.graphics.Color)	4290824699 (0xFFC0C9FB)
YUV	204.0090, 23.1666, -10.5319
Hunter-Lab	77.4240, 2.9236, -22.1311

Details

The XYZ color **60.0375, 59.9448, 99.6730** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.0511, 87.8197, 62.5500**, and the grayscale version is **57.2697, 60.2522, 65.6147**.

A 20% lighter version of the original color is **92.8769, 98.8797, 108.7983**, and **30.6526, 30.1658, 55.2459** is the 20% darker color. If you saturate the color by 10%, you get **49.5961, 47.7050, 97.8618**, and if you desaturate by 10%, it is **72.2531, 74.1213, 101.7665**.

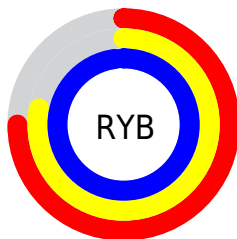
Distribution



Red (75%)

Green (79%)

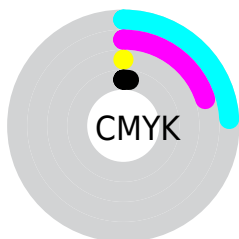
Blue (98%)



Red (75%)

Yellow (78%)

Blue (98%)

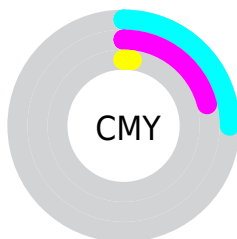


Cyan (24%)

Magenta (20%)

Yellow (0%)

Black (2%)



Cyan (25%)

Magenta (21%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.0375, 59.9448, 99.6730 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 60.0375, 59.9448, 99.6730 by changing the saturation by 10% instead.

■ 60.0375, 59.9448,
99.6730

■ 60.0375, 59.9448,
99.6730

414.5685,
424.3943, 580.3815

■ 43.6984, 43.3741,
75.4121

■ 103.9901,
104.7496, 162.7557

■ 30.6304, 30.1788,
55.4468

132.3343,
133.7525, 202.4146

■ 20.4680, 19.9743,
39.3586

165.4110,
167.6683, 248.0432

■ 12.8459, 12.3764,
26.7288

203.5855,
206.8814, 300.0601

■ 7.3988, 7.0006,
17.1390

247.2231,
251.7761, 358.8839

■ 3.7613, 3.4624,
10.1706

296.6893,

■ 1.5680, 1.3777,

302.7369, 424.9330

5.4052

352.3493,
360.1482, 498.6260

■ 0.3714, 0.2002,
2.4240

■ 0.0000, 0.0000,
0.7995

■ 60.0375, 59.9448,
99.6730

■ 60.0375, 59.9448,
99.6730

■ 49.5961, 47.7050,
97.8618

■ 72.2531, 74.1213,
101.7665

■ 40.8403, 37.3103,
96.3169

■ 86.3147, 90.3066,
104.1495

■ 33.6820, 28.6724,
95.0269

■ 94.4128, 99.7451,
105.5445

■ 28.0231, 21.6926,
93.9779

■ 23.7544, 16.2625,
93.1548

■ 20.7509, 12.2600,
92.5405

■ 18.8645, 9.5437,
92.1157

■ 18.1153, 8.3702,
91.9286

Harmonies

Analogous

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



54.4385, 59.9448, 100.1139



60.0375, 59.9448, 99.6730



65.1226, 59.9448, 89.0860

Triad

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



60.0375, 59.9448, 99.6730



64.7770, 59.9448, 45.4124



47.1264, 59.9448, 58.1670

Complementary

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



60.0375, 59.9448, 99.6730



81.0511, 87.8197, 62.5500

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.



49.5383, 59.9448, 46.1283



60.0375, 59.9448, 99.6730



59.5906, 59.9448, 39.6242

Square

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



60.0375, 59.9448, 99.6730



67.9793, 59.9448, 57.0271



54.0199, 59.9448, 39.8627



47.2286, 59.9448, 74.2705

Rectangle

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



60.0375, 59.9448, 99.6730



67.4290, 59.9448, 78.5578



54.0199, 59.9448, 39.8627



47.6628, 59.9448, 53.5715

Sweetspot

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



60.0394, 59.9472, 99.6744



84.1480, 87.4960, 107.0611



72.1389, 86.5629, 96.2571



17.8197, 18.5075, 22.8831



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.



60.0394, 59.9472, 99.6744



57.1232, 56.1645, 102.4379



63.3192, 58.6137, 99.2441



16.4968, 17.0704, 21.8107



9.5870, 4.5295, 48.3425



0.9490, 0.5418, 4.4977

Inverse Universe

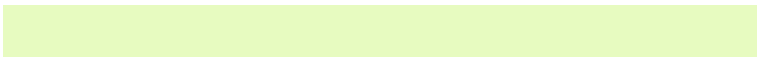
The Inverse Universe completely reimagines the original color for something new.



69.1775, 62.4273, 63.6645



68.0906, 59.2923, 59.1856



77.0756, 89.8458, 63.1506



17.3525, 17.2684, 18.4462



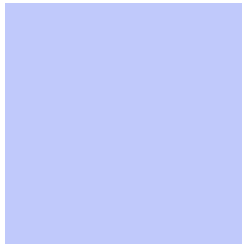
21.1311, 10.8682, 2.1328



1.9880, 1.0189, 0.3600

Previews

White Background



This preview shows how the XYZ color 60.0375, 59.9448, 99.6730 looks on a white background.

Color Contrast Check

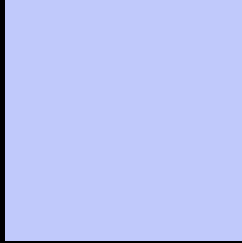
Large Text (above 18pt) WCAG AA × Fail

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 60.0375, 59.9448, 99.6730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

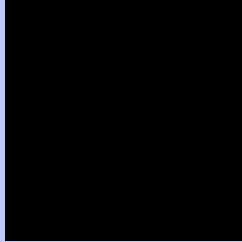
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.0375, 59.9448, 99.6730

Background



This preview shows how black text looks on a background with the XYZ color 60.0375, 59.9448, 99.6730.



This preview shows how white text looks on a background with the XYZ color 60.0375, 59.9448,

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

60.0375, 59.9448, 99.6730

Protanopia

59.7851, 59.8147, 99.6612

Deuteranopia

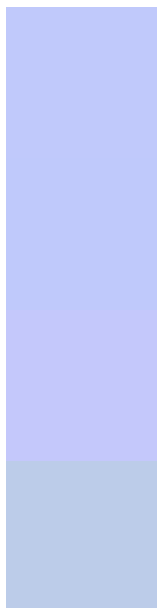
61.1247, 59.8176, 99.5911



Tritanopia

55.5058, 59.8556, 77.7351

Trichromacy



Original Color

60.0375, 59.9448, 99.6730

Protanomaly

59.7851, 59.8147, 99.6612

Deuteranomaly

60.8318, 60.0094, 99.6436

Tritanomaly

57.0399, 59.7603, 85.6194

Monochromacy



Original Color

60.0375, 59.9448, 99.6730

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

58.2265, 60.2117, 76.9598

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0375, 59.9448, 99.6730 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(192, 201, 251)` looks like.

```
.text, #text, p{  
    color:rgb(192, 201, 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(192, 201, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 201, 251) }
```

Border

The CSS property to change the border of an element to XYZ 60.0375, 59.9448, 99.6730 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(192, 201, 251) }
```


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

```
.border{ border-color:rgb(192, 201, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 201, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 201, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 201, 251);  
box-shadow:4px 4px 4px 4px rgb(192, 201,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0375, 59.9448, 99.6730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 201, 251) }
```

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

```
.background{ background-color: rgb(192,  
201, 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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