

Converting Colors

XYZ(60.1729, 60.9736, 95.5657)

Have a look what the booklet for
XYZ(60.1729, 60.9736, 95.5657)
contains.

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Color

**XYZ(59.9828, 60.7031,
95.7442)**

Conversions

Conversions Part 1

Format	Color
Hex	C1CBF6
RGB	193, 203, 246
RGB Percent	76%, 80%, 96%
CMY	0.2431, 0.2039, 0.0353
CMYK	0.22, 0.17, 0.00, 0.04
HSL	229°, 75%, 86%
HSV	229°, 22%, 96%
XYZ	59.9828, 60.7031, 95.7442
YIQ	204.9120, -19.7630, 11.2530

Conversions

Conversions Part 2

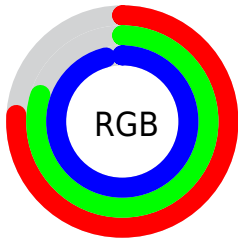
Format	Color
R _Y B	193, 201, 246
Decimal	12700662
CIE Lab	82.22, 5.52, -22.27
CIE LCh	82, 22.939, 283.924
Yxy	60.7031, 0.2771, 0.2805
Android (android.graphics.Color)	4290890742 (0xFFC1CBF6)
YUV	204.9120, 20.2564, -10.4468
Hunter-Lab	77.9122, 1.0767, -18.3214

Details

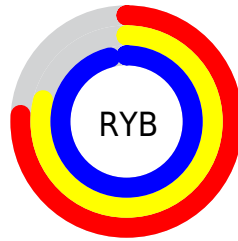
The XYZ color **59.9828, 60.7031, 95.7442** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **77.6278, 83.4343, 62.4667**, and the grayscale version is **57.8583, 60.8714, 66.2889**.

A 20% lighter version of the original color is **93.2343, 99.0640, 108.8150**, and **30.6892, 30.7016, 53.0237** is the 20% darker color. If you saturate the color by 10%, you get **49.8121, 48.9091, 94.0048**, and if you desaturate by 10%, it is **71.8071, 74.2532, 97.7374**.

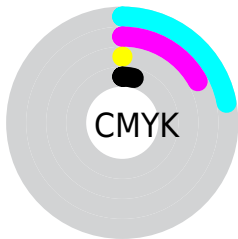
Distribution



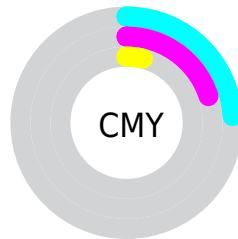
- Red (76%)
- Green (80%)
- Blue (96%)



- Red (76%)
- Yellow (79%)
- Blue (96%)



- Cyan (22%)
- Magenta (17%)
- Yellow (0%)
- Black (4%)



- Cyan (24%)
- Magenta (20%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.9828, 60.7031, 95.7442 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 59.9828, 60.7031, 95.7442 by changing the saturation by 10% instead.

■ 59.9828, 60.7031,
95.7442

■ 59.9828, 60.7031,
95.7442

414.3701,
427.1846, 567.5898

■ 43.6542, 43.9856,
72.1542

■ 103.9112,
105.8489, 157.2968

■ 30.5955, 30.6592,
52.7971

132.2417,
135.0461, 196.0964

■ 20.4413, 20.3395,
37.2542

165.3035,
169.1718, 240.8031

■ 12.8264, 12.6420,
25.1070

203.4620,
208.6107, 291.8352

■ 7.3853, 7.1825,
15.9371

247.0826,
253.7470, 349.6114

■ 3.7527, 3.5765,
9.3258

296.5306,

■ 1.5632, 1.4396,

304.9651, 414.5502

4.8546

352.1713,
362.6495, 487.0702

■ 0.3682, 0.2456,
2.1049

■ 0.0000, 0.0000,
0.6187

■ 59.9828, 60.7031,
95.7442

■ 59.9828, 60.7031,
95.7442

■ 49.8121, 48.9091,
94.0048

■ 71.8071, 74.2532,
97.7374

■ 41.2148, 38.7912,
92.5050

■ 85.3490, 89.6203,
99.9898

■ 34.1124, 30.2743,
91.2354

■ 93.6347, 99.4339,
101.4473

■ 28.4173, 23.2744,
90.1844

■ 24.0323, 17.6994,
89.3394

■ 20.8477, 13.4469,
88.6865

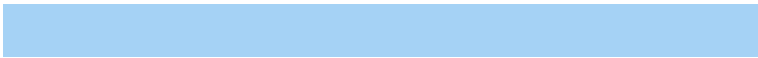
■ 18.7339, 10.3994,
88.2097

■ 17.6283, 8.6411,
87.9285

Harmonies

Analogous

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



55.1381, 60.7031, 95.4102



59.9828, 60.7031, 95.7442



64.4501, 60.7031, 87.3907

Triad

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



59.9828, 60.7031, 95.7442



64.7187, 60.7031, 49.1587



49.1456, 60.7031, 58.9328

Complementary

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



59.9828, 60.7031, 95.7442



77.6278, 83.4343, 62.4667

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.



51.4319, 60.7031, 48.5752



59.9828, 60.7031, 95.7442



60.3328, 60.7031, 43.4995

Square

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



59.9828, 60.7031, 95.7442



67.2868, 60.7031, 59.8405



55.4690, 60.7031, 43.3021



49.0637, 60.7031, 72.7715

Rectangle

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



59.9828, 60.7031, 95.7442



66.5372, 60.7031, 78.6192



55.4690, 60.7031, 43.3021



49.6758, 60.7031, 54.9776

Sweetspot

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



59.9847, 60.7056, 95.7456



85.8106, 89.5472, 107.3694



70.0027, 83.2715, 91.2853



18.1607, 18.9327, 22.9472



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.



59.9847, 60.7056, 95.7456



59.8979, 59.8724, 103.0073



61.9722, 58.3362, 95.1835



15.8342, 16.4326, 20.8798



9.4837, 4.7612, 46.9572



0.9008, 0.5531, 4.1495

Inverse Universe

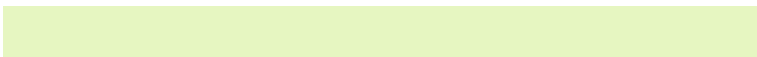
The Inverse Universe completely reimagines the original color for something new.



67.8570, 62.0462, 64.9022



69.9406, 61.7533, 63.6222



75.2479, 86.6025, 63.2037



16.6269, 16.5336, 17.7817



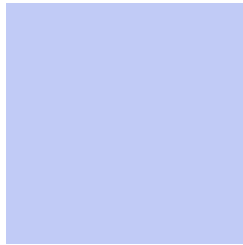
20.5914, 10.5800, 2.5570



1.8438, 0.9435, 0.4036

Previews

White Background



This preview shows how the XYZ color 59.9828, 60.7031, 95.7442 looks on a white background.

Color Contrast Check

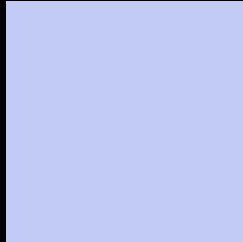
Large Text (above 18pt) WCAG AA × Fail

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 59.9828, 60.7031, 95.7442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

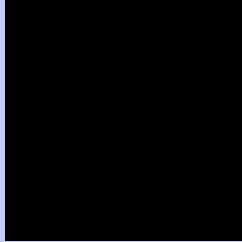
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.9828, 60.7031, 95.7442

Background



This preview shows how black text looks on a background with the XYZ color 59.9828, 60.7031, 95.7442.



This preview shows how white text looks on a background with the XYZ color 59.9828, 60.7031,

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

59.9828, 60.7031, 95.7442

Protanopia

60.2608, 60.4970, 95.6898

Deuteranopia

62.0714, 60.7205, 96.4444



Tritanopia

56.6184, 60.7722, 78.5581

Trichromacy



Original Color

59.9828, 60.7031, 95.7442

Protanomaly

60.0032, 60.3642, 95.6777

Deuteranomaly

61.2283, 60.6308, 96.4715

Tritanomaly

57.7303, 60.8593, 84.3056

Monochromacy



Original Color

59.9828, 60.7031, 95.7442

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.5985, 60.7705, 76.3516

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9828, 60.7031, 95.7442 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(193, 203, 246)` looks like.

```
.text, #text, p{  
    color:rgb(193, 203, 246)  
}
```

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(193, 203, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 203, 246) }
```

Border

The CSS property to change the border of an element to XYZ 59.9828, 60.7031, 95.7442 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(193, 203, 246) }
```


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

```
.border{ border-color:rgb(193, 203, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 203, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 203, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 203, 246);  
box-shadow:4px 4px 4px 4px rgb(193, 203,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9828, 60.7031, 95.7442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 203, 246) }
```

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

```
.background{ background-color: rgb(193,  
203, 246) }
```

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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