

Converting Colors

XYZ(60.1630, 62.5241, 81.7970)

Have a look what the booklet for
XYZ(60.1630, 62.5241, 81.7970)
contains.

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Color

**XYZ(59.9974, 62.4511,
81.5651)**

Conversions

Conversions Part 1

Format	Color
Hex	C8CFE3
RGB	200, 207, 227
RGB Percent	78%, 81%, 89%
CMY	0.2157, 0.1882, 0.1098
CMYK	0.12, 0.09, 0.00, 0.11
HSL	224°, 33%, 84%
HSV	224°, 12%, 89%
XYZ	59.9974, 62.4511, 81.5651
YIQ	207.1870, -10.5920, 4.7360

Conversions

Conversions Part 2

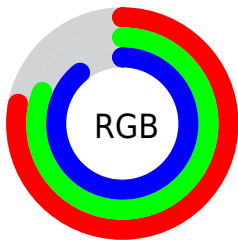
Format	Color
R_{YB}	200, 206, 227
Decimal	13160419
CIE _{Lab}	83.15, 1.53, -10.69
CIE _{LCh}	83, 10.796, 278.144
Yxy	62.4511, 0.2941, 0.3061
Android (android.graphics.Color)	4291350499 (0xFFC8CFE3)
YUV	207.1870, 9.7678, -6.3030
Hunter-Lab	79.0260, -2.7764, -5.8768

Details

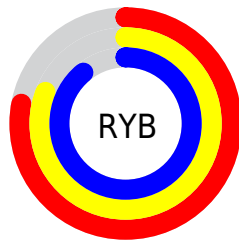
The XYZ color **59.9974, 62.4511, 81.5651** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.6974, 71.6870, 64.9138**, and the grayscale version is **59.3741, 62.4662, 68.0257**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.6917, 31.8720, 43.5640** is the 20% darker color. If you saturate the color by 10%, you get **50.5207, 51.8390, 80.0172**, and if you desaturate by 10%, it is **70.8116, 74.4000, 83.3025**.

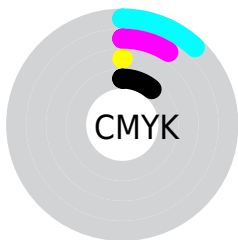
Distribution



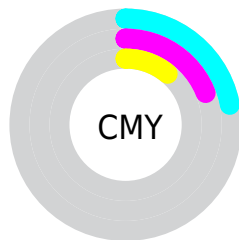
- Red (78%)
- Green (81%)
- Blue (89%)



- Red (78%)
- Yellow (81%)
- Blue (89%)



- Cyan (12%)
- Magenta (9%)
- Yellow (0%)
- Black (11%)



- Cyan (22%)
- Magenta (19%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.9974, 62.4511, 81.5651 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 59.9974, 62.4511, 81.5651 by changing the saturation by 10% instead.

■ 59.9974, 62.4511,
81.5651

■ 59.9974, 62.4511,
81.5651

414.4231,
433.5747, 520.0370

■ 43.6660, 45.3973,
60.4734

103.9323,
108.3772, 137.3952

■ 30.6048, 31.7705,
43.3725

132.2664,
138.0183, 172.9706

■ 20.4484, 21.1862,
29.8440

165.3322,
172.6240, 214.2110

■ 12.8316, 13.2602,
19.4691

203.4950,
212.5787, 261.5350

■ 7.3889, 7.6080,
11.8295

247.1201,
258.2667, 315.3610

■ 3.7550, 3.8451,
6.5066

296.5729,

■ 1.5645, 1.5873,

310.0724, 376.1077

3.0818

352.2188,
368.3803, 444.1935

■ 0.3691, 0.3490,
1.1365

■ 0.0000, 0.0000,
0.0000

■ 59.9974, 62.4511,
81.5651

■ 59.9974, 62.4511,
81.5651

■ 50.5207, 51.8390,
80.0172

■ 70.8116, 74.4000,
83.3025

■ 42.3231, 42.5083,
78.6483

■ 83.0078, 87.7227,
85.2312

■ 35.3495, 34.4115,
77.4530

■ 90.8653, 98.3261,
86.8637

■ 29.5391, 27.4947,
76.4241

■ 24.8252, 21.7000,
75.5541

■ 21.1342, 16.9643,
74.8346

■ 18.3826, 13.2173,
74.2563

■ 16.4725, 10.3789,
73.8091

■ 15.4229, 8.6613,
73.5329

Harmonies

Analogous

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



57.6990, 62.4511, 80.6697



59.9974, 62.4511, 81.5651



62.1797, 62.4511, 78.6418

Triad

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



59.9974, 62.4511, 81.5651



62.9663, 62.4511, 60.3482



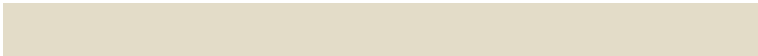
55.2801, 62.4511, 63.3146

Complementary

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



59.9974, 62.4511, 81.5651



67.6974, 71.6870, 64.9138

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.



56.6227, 62.4511, 58.3619



59.9974, 62.4511, 81.5651



61.0483, 62.4511, 56.7292

Square

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



59.9974, 62.4511, 81.5651



63.9230, 62.4511, 66.1900



58.7230, 62.4511, 56.0266



55.0155, 62.4511, 69.8400

Rectangle

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



59.9974, 62.4511, 81.5651



63.2611, 62.4511, 75.0270



58.7230, 62.4511, 56.0266



55.6186, 62.4511, 61.4235

Sweetspot

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



59.9993, 62.4537, 81.5665



89.0336, 93.3909, 107.9414



64.1814, 72.3753, 78.1595



18.8216, 19.7304, 23.0663



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.



59.9993, 62.4537, 81.5665



75.2513, 78.1217, 105.7206



60.0576, 60.0207, 81.0938



13.8852, 14.4918, 18.2097



9.0748, 5.2117, 42.9108



0.7444, 0.5327, 3.1956

Inverse Universe

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



63.5968, 62.1458, 67.6780



80.7312, 77.7123, 84.5515



67.6230, 74.4345, 65.4480



14.5297, 14.4290, 15.7236



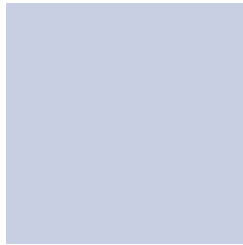
18.9741, 9.7238, 3.4924



1.4394, 0.7335, 0.4542

Previews

White Background



This preview shows how the XYZ color 59.9974, 62.4511, 81.5651 looks on a white background.

Color Contrast Check

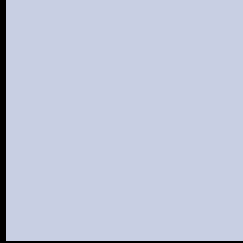
Large Text (above 18pt) WCAG AA × Fail

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 59.9974, 62.4511, 81.5651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

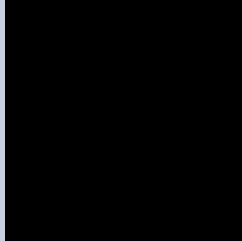
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.9974, 62.4511, 81.5651

Background



This preview shows how black text looks on a background with the XYZ color 59.9974, 62.4511, 81.5651.



This preview shows how white text looks on a background with the XYZ color 59.9974, 62.4511,

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

59.9974, 62.4511, 81.5651

Protanopia

60.9756, 62.6127, 80.8232

Deuteranopia

63.5055, 62.1264, 82.0433



Tritanopia

59.5636, 62.6357, 79.4716

Trichromacy



Original Color

59.9974, 62.4511, 81.5651

Protanomaly

60.4274, 62.3301, 80.7976

Deuteranomaly

62.2235, 62.1622, 82.1178

Tritanomaly

59.6997, 62.6901, 80.1881

Monochromacy



Original Color

59.9974, 62.4511, 81.5651

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.3523, 62.3181, 72.5187

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9974, 62.4511, 81.5651 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(200, 207, 227) looks like.

```
.text, #text, p{  
    color:rgb(200, 207, 227)  
}
```

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(200, 207, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 207, 227) }
```

Border

The CSS property to change the border of an element to XYZ 59.9974, 62.4511, 81.5651 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(200, 207, 227) }
```


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

```
.border{ border-color:rgb(200, 207, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 207, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 207, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 207, 227);  
box-shadow:4px 4px 4px 4px rgb(200, 207,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9974, 62.4511, 81.5651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 207, 227) }
```

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

```
.background{ background-color: rgb(200,  
207, 227) }
```

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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