

Converting Colors

XYZ(61.1160, 62.6371, 82.9978)

Have a look what the booklet for
XYZ(61.1160, 62.6371, 82.9978)
contains.

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Color

**XYZ(61.1160, 62.6371,
82.9978)**

Conversions

Conversions Part 1

Format	Color
Hex	CCCEE5
RGB	204, 206, 229
RGB Percent	80%, 81%, 90%
CMY	0.2000, 0.1921, 0.1020
CMYK	0.11, 0.10, 0.00, 0.10
HSL	235°, 32%, 85%
HSV	235°, 11%, 90%
XYZ	61.1160, 62.6371, 82.9978
YIQ	208.0240, -8.5750, 6.7290

Conversions

Conversions Part 2

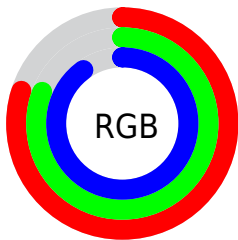
Format	Color
R_{YB}	204, 206, 229
Decimal	13422309
CIE _{Lab}	83.25, 3.75, -11.57
CIE _{LCh}	83, 12.169, 287.972
Yxy	62.6371, 0.2956, 0.3030
Android (android.graphics.Color)	4291612389 (0xFFCCCEE5)
YUV	208.0240, 10.3412, -3.5290
Hunter-Lab	79.1436, -0.6607, -6.7768

Details

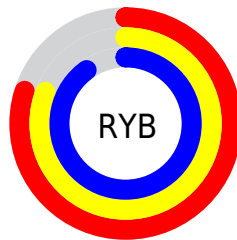
The XYZ color **61.1160, 62.6371, 82.9978** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.6816, 75.9555, 68.0635**, and the grayscale version is **59.9104, 63.0304, 68.6401**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.4459, 31.9965, 44.5630** is the 20% darker color. If you saturate the color by 10%, you get **50.5592, 50.1657, 81.1480**, and if you desaturate by 10%, it is **73.2791, 76.9488, 85.1202**.

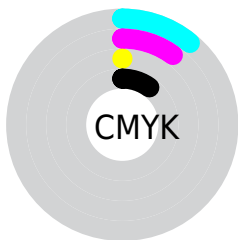
Distribution



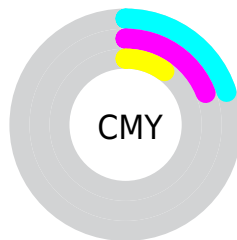
- Red (80%)
- Green (81%)
- Blue (90%)



- Red (80%)
- Yellow (81%)
- Blue (90%)



- Cyan (11%)
- Magenta (10%)
- Yellow (0%)
- Black (10%)



- Cyan (20%)
- Magenta (19%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.1160, 62.6371, 82.9978 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 61.1160, 62.6371, 82.9978 by changing the saturation by 10% instead.

■ 61.1160, 62.6371,
82.9978

■ 61.1160, 62.6371,
82.9978

418.4683,
434.2512, 524.9500

■ 44.5717, 45.5477,
61.6477

105.5440,
108.6458, 139.4216

■ 31.3200, 31.8890,
44.3142

134.1585,
138.3339, 175.3324

■ 20.9957, 21.2768,
30.5786

167.5270,
172.9903, 216.9339

■ 13.2333, 13.3265,
20.0224

206.0150,
212.9994, 264.6445

■ 7.6675, 7.6537,
12.2271

249.9877,
258.7457, 318.8829

■ 3.9329, 3.8742,
6.7741

299.8106,

■ 1.6643, 1.6034,

310.6135, 380.0676

3.2449

355.8490,
368.9872, 448.6171

■ 0.4337, 0.3599,
1.2210

■ 0.0000, 0.0000,
0.0000

■ 61.1160, 62.6371,
82.9978

■ 61.1160, 62.6371,
82.9978

■ 50.5592, 50.1657,
81.1480

■ 73.2791, 76.9488,
85.1202

■ 41.5361, 39.4524,
79.5557

■ 87.1058, 93.1631,
87.5211

■ 33.9769, 30.4204,
78.2107

■ 91.1431, 98.4372,
88.3263

■ 27.8042, 22.9842,
77.1007

■ 22.9335, 17.0506,
76.2121

■ 19.2708, 12.5169,
75.5301

■ 16.7096, 9.2675,
75.0379

■ 15.1247, 7.1677,
74.7161

■ 14.3650, 6.1011,
74.5503

Harmonies

Analogous

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



58.4823, 62.6371, 83.4437



61.1160, 62.6371, 82.9978



63.3887, 62.6371, 78.4129

Triad

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



61.1160, 62.6371, 82.9978



63.0010, 62.6371, 57.9544



54.7029, 62.6371, 65.2139

Complementary

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



61.1160, 62.6371, 82.9978



70.6816, 75.9555, 68.0635

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.



55.8402, 62.6371, 58.9168



61.1160, 62.6371, 82.9978



60.5996, 62.6371, 54.9380

Square

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



61.1160, 62.6371, 82.9978



64.4989, 62.6371, 63.8097



57.9809, 62.6371, 55.2767



54.8319, 62.6371, 72.7896

Rectangle

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



61.1160, 62.6371, 82.9978



64.3693, 62.6371, 73.8048



57.9809, 62.6371, 55.2767



54.9484, 62.6371, 62.8885

Sweetspot

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



61.1179, 62.6397, 82.9992



90.0873, 94.1698, 108.0362



66.7759, 74.4186, 83.4586



19.0055, 19.8307, 23.0760



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.



61.1179, 62.6397, 82.9992



74.9200, 76.3094, 105.3882



63.5902, 63.2031, 82.9776



13.6751, 14.0717, 18.1397



8.2473, 3.5567, 42.6350



0.6419, 0.3277, 3.1614

Inverse Universe

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



65.0480, 64.3014, 67.3785



80.8447, 78.8322, 81.8362



68.0077, 75.3949, 68.0963



14.4236, 14.3866, 15.1652



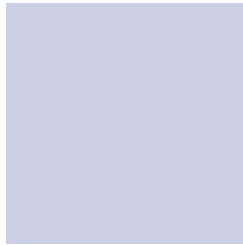
18.5564, 9.5568, 1.2928



1.3876, 0.7128, 0.1818

Previews

White Background



This preview shows how the XYZ color 61.1160, 62.6371, 82.9978 looks on a white background.

Color Contrast Check

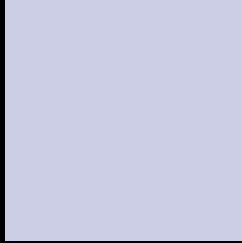
Large Text (above 18pt) WCAG AA × Fail

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 61.1160, 62.6371, 82.9978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

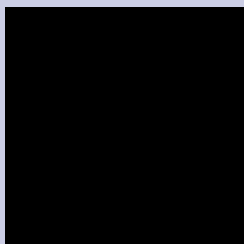
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.1160, 62.6371, 82.9978

Background



This preview shows how black text looks on a background with the XYZ color 61.1160, 62.6371, 82.9978.

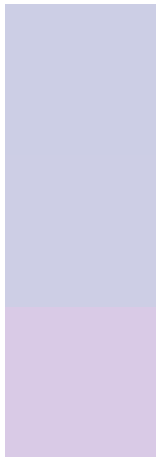


This preview shows how white text looks on a background with the XYZ color 61.1160, 62.6371,

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

61.1160, 62.6371, 82.9978

Protanopia

61.3910, 62.7789, 83.0106

Deuteranopia

64.0187, 62.7059, 83.5922



Tritanopia

60.2607, 62.6499, 78.7286

Trichromacy



Original Color

61.1160, 62.6371, 82.9978

Protanomaly

61.3910, 62.7789, 83.0106

Deuteranomaly

62.7902, 62.4221, 83.6022

Tritanomaly

60.5320, 62.7584, 80.1574

Monochromacy



Original Color

61.1160, 62.6371, 82.9978

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

60.4396, 62.8489, 73.9113

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1160, 62.6371, 82.9978 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(204, 206, 229) looks like.

```
.text, #text, p{  
    color:rgb(204, 206, 229)  
}
```

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(204, 206, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 206, 229) }
```

Border

The CSS property to change the border of an element to XYZ 61.1160, 62.6371, 82.9978 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(204, 206, 229) }
```


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

```
.border{ border-color:rgb(204, 206, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 206, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 206, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 206, 229);  
box-shadow:4px 4px 4px 4px rgb(204, 206,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1160, 62.6371, 82.9978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 206, 229) }
```

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

```
.background{ background-color: rgb(204,  
206, 229) }
```

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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