

Converting Colors

XYZ(62.5709, 68.2058, 82.0548)

Have a look what the booklet for
XYZ(62.5709, 68.2058, 82.0548)
contains.

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Color

**XYZ(62.6122, 68.2961,
81.8340)**

Conversions

Conversions Part 1

Format	Color
Hex	C7DBE2
RGB	199, 219, 226
RGB Percent	78%, 86%, 89%
CMY	0.2196, 0.1412, 0.1137
CMYK	0.12, 0.03, 0.00, 0.11
HSL	196°, 32%, 83%
HSV	196°, 12%, 89%
XYZ	62.6122, 68.2961, 81.8340
YIQ	213.8180, -14.1670, -2.0630

Conversions

Conversions Part 2

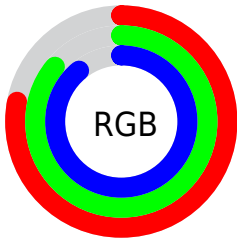
Format	Color
RYB	199, 210, 226
Decimal	13097954
CIELab	86.15, -5.27, -5.71
CIELCh	86, 7.768, 227.323
Yxy	68.2961, 0.2943, 0.3210
Android (android.graphics.Color)	4291288034 (0xFFC7DBE2)
YUV	213.8180, 6.0057, -12.9954
Hunter-Lab	82.6415, -9.3844, -0.8617

Details

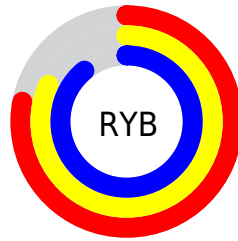
The XYZ color **62.6122, 68.2961, 81.8340** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.7447, 64.4348, 63.1116**, and the grayscale version is **63.7635, 67.0842, 73.0547**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.3032, 35.5109, 43.6798** is the 20% darker color. If you saturate the color by 10%, you get **55.5547, 62.4310, 81.0750**, and if you desaturate by 10%, it is **70.6180, 74.7335, 82.6557**.

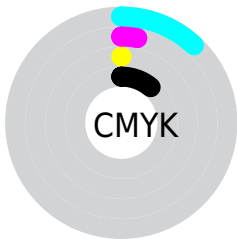
Distribution



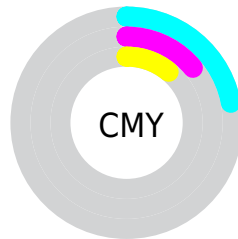
- Red (78%)
- Green (86%)
- Blue (89%)



- Red (78%)
- Yellow (82%)
- Blue (89%)



- Cyan (12%)
- Magenta (3%)
- Yellow (0%)
- Black (11%)



- Cyan (22%)
- Magenta (14%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.6122, 68.2961, 81.8340 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 62.6122, 68.2961, 81.8340 by changing the saturation by 10% instead.

■ 62.6122, 68.2961,
81.8340

■ 62.6122, 68.2961,
81.8340

423.8428,
454.5444, 520.9611

■ 45.7850, 50.1387,
60.6937

107.6948,
116.7756, 137.7758

■ 32.2801, 35.5236,
43.5491

136.6809,
147.8665, 173.4143

■ 21.7321, 24.0665,
29.9816

170.4508,
184.0374, 214.7227

■ 13.7757, 15.3829,
19.5727

209.3696,
225.6725, 262.1195

■ 8.0455, 9.0886,
11.9038

253.8029,
273.1564, 316.0232

■ 4.1761, 4.7990,
6.5565

304.1160,

■ 1.8022, 2.1298,

326.8734, 376.8523

3.1121

360.6741,
387.2080, 445.0255

■ 0.5190, 0.6813,
1.1522

■ 0.0000, 0.0000,
0.0000

■ 62.6122, 68.2961,
81.8340

■ 62.6122, 68.2961,
81.8340

■ 55.5547, 62.4310,
81.0750

■ 70.6180, 74.7335,
82.6557

■ 49.3998, 57.1084,
80.3720

■ 79.6034, 81.7547,
83.5373

■ 44.1070, 52.3085,
79.7245

■ 85.1290, 87.0737,
84.2728

■ 39.6302, 48.0065,
79.1301

■ 86.8486, 90.5128,
84.8459

■ 35.9185, 44.1755,
78.5862

■ 88.6240, 94.0636,
85.4377

■ 32.9155, 40.7854,
78.0902

■ 90.4558, 97.7272,
86.0483

■ 30.5560, 37.8019,
77.6386

■ 90.7277, 98.2711,
86.1390

■ 28.7620, 35.1838,
77.2279

■ 27.6259, 33.2875,
76.9217

Harmonies

Analogous

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



61.6884, 68.2961, 77.3314



62.6122, 68.2961, 81.8340



64.1624, 68.2961, 84.3817

Triad

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



62.6122, 68.2961, 81.8340



68.3234, 68.2961, 76.5431



63.8957, 68.2961, 65.3595

Complementary

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



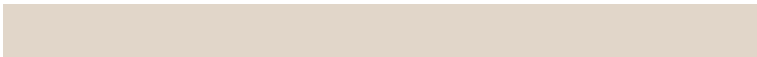
62.6122, 68.2961, 81.8340



63.7447, 64.4348, 63.1116

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.



65.6703, 68.2961, 65.1702



62.6122, 68.2961, 81.8340



68.2488, 68.2961, 71.4712

Square

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



62.6122, 68.2961, 81.8340



67.4722, 68.2961, 81.2341



67.2703, 68.2961, 67.3608



62.4201, 68.2961, 67.8904

Rectangle

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



62.6122, 68.2961, 81.8340



65.3523, 68.2961, 84.5554



67.2703, 68.2961, 67.3608



64.4764, 68.2961, 65.0242

Sweetspot

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



62.6142, 68.2990, 81.8355



90.5590, 96.4416, 108.4499



61.8610, 70.9802, 68.6748



19.2076, 20.5022, 23.1949



0.0000, 0.0000, 0.0000



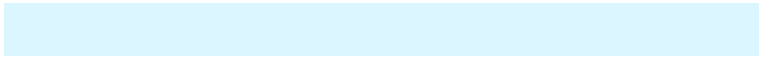
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.6142, 68.2990, 81.8355



80.2330, 88.0852, 107.3811



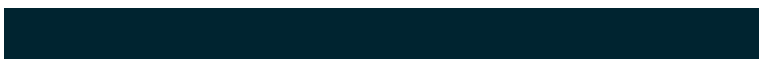
59.2931, 61.6568, 80.7285



13.8002, 14.9396, 17.5440



15.8611, 19.1918, 43.9168



1.1705, 1.4725, 3.0678

Inverse Universe

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



64.5752, 62.1316, 75.6102



83.2458, 78.7181, 97.7930



67.0708, 71.0871, 64.2203



14.1354, 13.8718, 16.4832



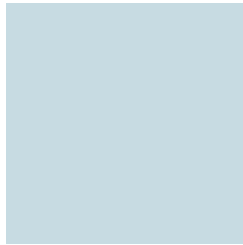
21.9462, 10.8455, 22.1800



1.5571, 0.7661, 1.7264

Previews

White Background



This preview shows how the XYZ color 62.6122, 68.2961, 81.8340 looks on a white background.

Color Contrast Check

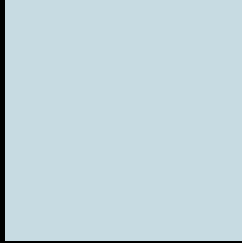
Large Text (above 18pt) WCAG AA × Fail

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 62.6122, 68.2961, 81.8340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

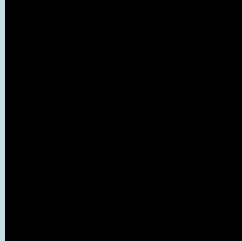
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

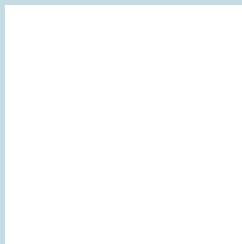
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.6122, 68.2961, 81.8340

Background



This preview shows how black text looks on a background with the XYZ color 62.6122, 68.2961, 81.8340.



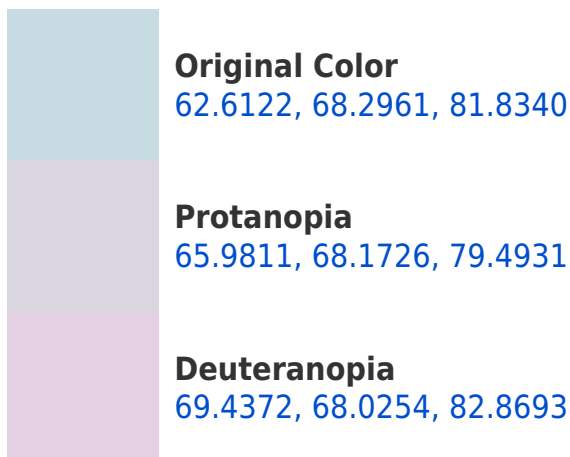
This preview shows how white text looks on a background with the XYZ color 62.6122, 68.2961,

81.8340.

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

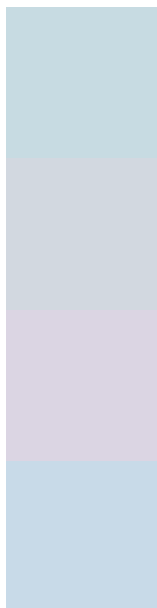




Tritanopia

64.1542, 68.5585, 88.4491

Trichromacy



Original Color

62.6122, 68.2961, 81.8340

Protanomaly

64.5888, 68.1952, 80.2798

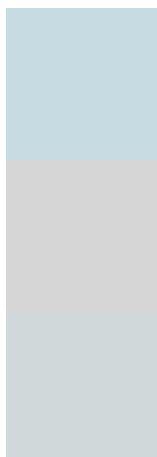
Deuteranomaly

66.8728, 68.1946, 82.3113

Tritanomaly

63.4563, 68.2484, 86.1727

Monochromacy



Original Color

62.6122, 68.2961, 81.8340

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

63.5053, 67.7290, 76.0556

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.6122, 68.2961, 81.8340 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(199, 219, 226)` looks like.

```
.text, #text, p{  
    color:rgb(199, 219, 226)  
}
```

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(199, 219, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 219, 226) }
```

Border

The CSS property to change the border of an element to XYZ 62.6122, 68.2961, 81.8340 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(199, 219, 226) }
```


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

```
.border{ border-color:rgb(199, 219, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 219, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 219, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 219, 226);  
box-shadow:4px 4px 4px 4px rgb(199, 219,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 62.6122, 68.2961, 81.8340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 219, 226) }
```

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

```
.background{ background-color: rgb(199,  
219, 226) }
```

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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