

Converting Colors

XYZ(62.8116, 66.7879, 85.1821)

Have a look what the booklet for
XYZ(62.8116, 66.7879, 85.1821)
contains.

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Color

**XYZ(62.8116, 66.7879,
85.1821)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | C9D7E7 |
| RGB | 201, 215, 231 |
| RGB Percent | 79%, 84%, 91% |
| CMY | 0.2118, 0.1568, 0.0941 |
| CMYK | 0.13, 0.07, 0.00, 0.09 |
| HSL | 212°, 38%, 85% |
| HSV | 212°, 13%, 91% |
| XYZ | 62.8116, 66.7879, 85.1821 |
| YIQ | 212.6380, -13.4800, 2.0080 |

Conversions

Conversions Part 2

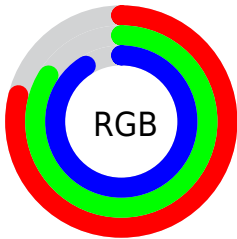
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 201, 211, 231 |
| Decimal | 13228007 |
| CIE _{Lab} | 85.40, -1.54, -9.46 |
| CIE _{LCh} | 85, 9.589, 260.763 |
| Yxy | 66.7879, 0.2924, 0.3110 |
| Android (android.graphics.Color) | 4291418087 (0xFFC9D7E7) |
| YUV | 212.6380, 9.0525, -10.2065 |
| Hunter-Lab | 81.7239, -5.8246, -4.5922 |

Details

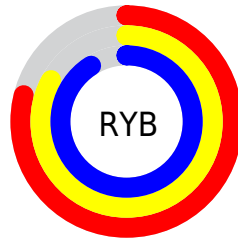
The XYZ color **62.8116, 66.7879, 85.1821** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.3108, 70.8313, 65.3310**, and the grayscale version is **62.9536, 66.2321, 72.1268**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.3413, 34.4398, 45.5004** is the 20% darker color. If you saturate the color by 10%, you get **54.0437, 57.7872, 83.9080**, and if you desaturate by 10%, it is **72.7535, 76.7480, 86.5816**.

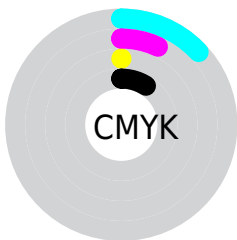
Distribution



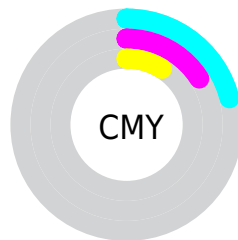
- Red (79%)
- Green (84%)
- Blue (91%)



- Red (79%)
- Yellow (83%)
- Blue (91%)



- Cyan (13%)
- Magenta (7%)
- Yellow (0%)
- Black (9%)



- Cyan (21%)
- Magenta (16%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.8116, 66.7879, 85.1821 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 62.8116, 66.7879, 85.1821 by changing the saturation by 10% instead.

■ 62.8116, 66.7879,
85.1821

■ 62.8116, 66.7879,
85.1821

424.5560,
449.1894, 532.3907

■ 45.9469, 48.9123,
63.4408

107.9810,
114.6164, 142.5040

■ 32.4084, 34.5499,
45.7546

137.0164,
145.3382, 178.9217

■ 21.8307, 23.3164,
31.7050

170.8394,
181.1107, 221.0686

■ 13.8484, 14.8273,
20.8733

209.8154,
222.3184, 269.3634

■ 8.0963, 8.6983,
12.8411

254.3097,
269.3458, 324.2244

■ 4.2090, 4.5449,
7.1898

304.6876,

■ 1.8210, 1.9828,

322.5771, 386.0703

3.5008

361.3146,
382.3969, 455.3195

■ 0.5303, 0.5975,
1.3557

■ 0.0000, 0.0000,
0.1068

■ 62.8116, 66.7879,
85.1821

■ 62.8116, 66.7879,
85.1821

■ 54.0437, 57.7872,
83.9080

■ 72.7535, 76.7480,
86.5816

■ 46.3971, 49.7057,
82.7511

■ 83.9074, 87.6891,
88.1056

■ 39.8238, 42.5125,
81.7091

■ 90.4612, 96.6240,
89.4848

■ 34.2696, 36.1714,
80.7779

■ 91.4240, 98.5496,
89.8057

■ 29.6755, 30.6434,
79.9530

■ 25.9753, 25.8856,
79.2297

■ 23.0936, 21.8497,
78.6026

■ 20.9400, 18.4794,
78.0655

■ 19.7681, 16.4577,
77.7371

Harmonies

Analogous

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



60.8737, 66.7879, 82.3878



62.8116, 66.7879, 85.1821



64.9726, 66.7879, 84.4928

Triad

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



62.8116, 66.7879, 85.1821



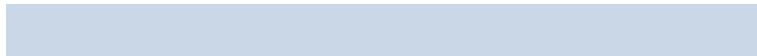
67.4673, 66.7879, 68.5607



60.2985, 66.7879, 65.4116

Complementary

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



62.8116, 66.7879, 85.1821



68.3108, 70.8313, 65.3310

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.



62.0102, 66.7879, 62.0961



62.8116, 66.7879, 85.1821



66.1595, 66.7879, 63.8410

Square

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



62.8116, 66.7879, 85.1821



67.6937, 66.7879, 74.6583



64.1529, 66.7879, 61.5380



59.4447, 66.7879, 70.8168

Rectangle

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



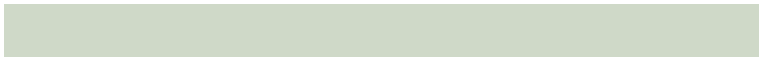
62.8116, 66.7879, 85.1821



66.2472, 66.7879, 82.1654



64.1529, 66.7879, 61.5380



60.7908, 66.7879, 64.0290

Sweetspot

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



62.8136, 66.7907, 85.1836



89.6858, 94.6952, 108.1588



65.1239, 74.5542, 76.2643



18.9864, 20.0599, 23.1212



0.0000, 0.0000, 0.0000



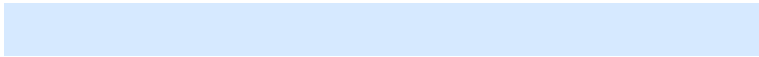
20.3446, 21.4041, 23.3091

Same Dimension

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



62.8136, 66.7907, 85.1836



75.0481, 79.9624, 106.0866



59.5337, 60.0310, 84.0517



14.1346, 14.9907, 18.2928



11.2039, 9.4698, 43.6205



0.9202, 0.8843, 3.2542

Inverse Universe

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



66.1089, 63.6699, 73.0984



80.0801, 75.3516, 87.5974



71.9134, 78.2758, 66.5780



14.6555, 14.4794, 16.3865



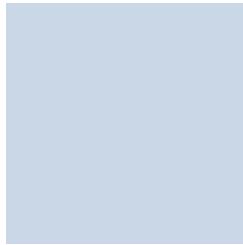
20.0487, 10.1537, 9.1514



1.5281, 0.7689, 0.9215

Previews

White Background



This preview shows how the XYZ color 62.8116, 66.7879, 85.1821 looks on a white background.

Color Contrast Check

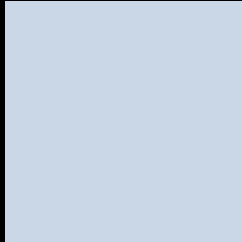
Large Text (above 18pt) WCAG AA × Fail

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 62.8116, 66.7879, 85.1821 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

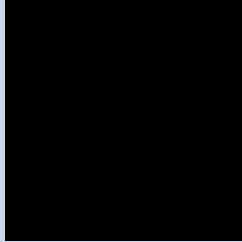
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

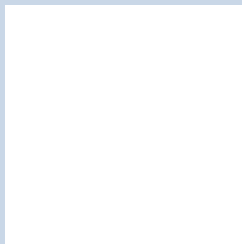
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.8116, 66.7879, 85.1821

Background



This preview shows how black text looks on a background with the XYZ color 62.8116, 66.7879, 85.1821.



This preview shows how white text looks on a background with the XYZ color 62.8116, 66.7879,

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

62.8116, 66.7879, 85.1821

Protanopia

64.8377, 66.7412, 83.5938

Deuteranopia

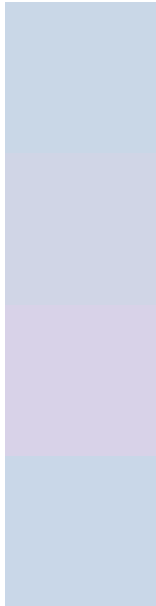
68.0721, 66.5164, 86.3420



Tritanopia

62.9533, 66.8446, 85.9282

Trichromacy



Original Color

62.8116, 66.7879, 85.1821

Protanomaly

64.0896, 66.7116, 84.3616

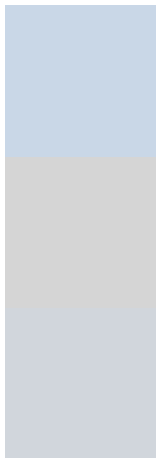
Deuteranomaly

65.9310, 66.5183, 85.7083

Tritanomaly

62.9533, 66.8446, 85.9282

Monochromacy



Original Color

62.8116, 66.7879, 85.1821

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.2593, 66.8158, 77.2728

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.8116, 66.7879, 85.1821 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(201, 215, 231) looks like.

```
.text, #text, p{  
    color:rgb(201, 215, 231)  
}
```

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(201, 215, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 215, 231) }
```

Border

The CSS property to change the border of an element to XYZ 62.8116, 66.7879, 85.1821 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(201, 215, 231) }
```


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

```
.border{ border-color:rgb(201, 215, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 215, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 215, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 215, 231);  
box-shadow:4px 4px 4px 4px rgb(201, 215,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 62.8116, 66.7879, 85.1821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 215, 231) }
```

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

```
.background{ background-color: rgb(201,  
215, 231) }
```

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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