

Converting Colors

XYZ(62.2855, 67.4519, 87.1271)

Have a look what the booklet for
XYZ(62.2855, 67.4519, 87.1271)
contains.

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Color

**XYZ(62.2851, 67.6281,
86.8615)**

Conversions

Conversions Part 1

Format	Color
Hex	C3DAE9
RGB	195, 218, 233
RGB Percent	76%, 85%, 91%
CMY	0.2353, 0.1451, 0.0863
CMYK	0.16, 0.06, 0.00, 0.09
HSL	204°, 46%, 84%
HSV	204°, 16%, 91%
XYZ	62.2851, 67.6281, 86.8615
YIQ	212.8330, -18.5230, -0.2110

Conversions

Conversions Part 2

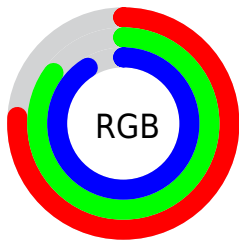
Format	Color
R_{YB}	195, 209, 233
Decimal	12835561
CIE _{Lab}	85.82, -4.58, -9.94
CIE _{LCh}	86, 10.944, 245.234
Yxy	67.6281, 0.2873, 0.3120
Android (android.graphics.Color)	4291025641 (0xFFC3DAE9)
YUV	212.8330, 9.9423, -15.6395
Hunter-Lab	82.2363, -8.7191, -5.0592

Details

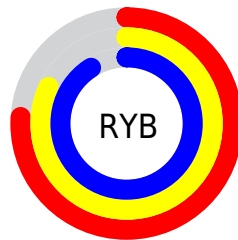
The XYZ color **62.2851, 67.6281, 86.8615** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.5018, 67.3570, 61.1274**, and the grayscale version is **63.0805, 66.3655, 72.2721**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **32.0175, 35.0314, 46.6692** is the 20% darker color. If you saturate the color by 10%, you get **54.4098, 60.1275, 85.8299**, and if you desaturate by 10%, it is **71.2361, 75.8832, 87.9842**.

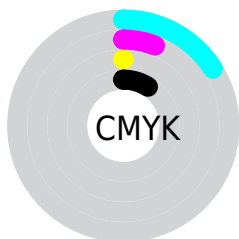
Distribution



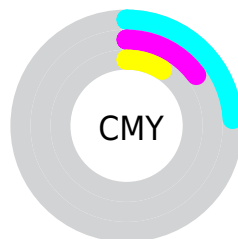
- Red (76%)
- Green (85%)
- Blue (91%)



- Red (76%)
- Yellow (82%)
- Blue (91%)



- Cyan (16%)
- Magenta (6%)
- Yellow (0%)
- Black (9%)



- Cyan (24%)
- Magenta (15%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.2851, 67.6281, 86.8615 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 62.2851, 67.6281, 86.8615 by changing the saturation by 10% instead.

■ 62.2851, 67.6281,
86.8615

■ 62.2851, 67.6281,
86.8615

422.6713,
452.1772, 538.0720

■ 45.5196, 49.5952,
64.8216

■ 107.2251,
115.8200, 144.8682

■ 32.0699, 35.0919,
46.8660

136.1303,
146.7477, 181.6722

■ 21.5707, 23.7337,
32.5762

169.8127,
182.7426, 224.2346

■ 13.6566, 15.1362,
21.5335

208.6378,
224.1890, 272.9740

■ 7.9623, 8.9150,
13.3195

252.9708,
271.4712, 328.3088

■ 4.1225, 4.6858,
7.5156

303.1772,

■ 1.7716, 2.0641,

324.9738, 390.6578

3.7033

359.6222,
385.0810, 460.4393

■ 0.5005, 0.6443,
1.4640

■ 0.0000, 0.0000,
0.1909

■ 62.2851, 67.6281,
86.8615

■ 62.2851, 67.6281,
86.8615

■ 54.4098, 60.1275,
85.8299

■ 71.2361, 75.8832,
87.9842

■ 47.5586, 53.3463,
84.8821

■ 81.2996, 84.9095,
89.1961

■ 41.6845, 47.2589,
84.0167

■ 88.7799, 92.8068,
90.3261

■ 36.7342, 41.8344,
83.2306

■ 91.6404, 98.5278,
91.2796

■ 32.6488, 37.0391,
82.5203

■ 91.7082, 98.6633,
91.3022

■ 29.3618, 32.8353,
81.8821

■ 26.7961, 29.1795,
81.3117

■ 24.8557, 26.0184,
80.8039

■ 24.2395, 24.9460,
80.6293

Harmonies

Analogous

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



60.4303, 67.6281, 81.8697



62.2851, 67.6281, 86.8615



64.7182, 67.6281, 88.2184

Triad

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



62.2851, 67.6281, 86.8615



69.1869, 67.6281, 72.3863



61.5440, 67.6281, 62.9501

Complementary

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



62.2851, 67.6281, 86.8615



66.5018, 67.3570, 61.1274

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.



63.8408, 67.6281, 60.7553



62.2851, 67.6281, 86.8615



68.2867, 67.6281, 65.9728

Square

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



62.2851, 67.6281, 86.8615



68.7444, 67.6281, 79.5564



66.3139, 67.6281, 61.8252



60.0103, 67.6281, 68.0159

Rectangle

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



62.2851, 67.6281, 86.8615



66.3503, 67.6281, 86.8084



66.3139, 67.6281, 61.8252



62.2502, 67.6281, 61.8676

Sweetspot

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



62.2871, 67.6309, 86.8630



88.9295, 94.4929, 108.1596



63.2248, 74.5127, 71.7416



18.8564, 20.0638, 23.1288



0.0000, 0.0000, 0.0000



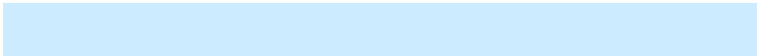
20.3446, 21.4041, 23.3091

Same Dimension

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



62.2871, 67.6309, 86.8630



72.6236, 79.4008, 106.1060



57.7383, 58.5334, 85.3468



14.9899, 16.0662, 19.2333



13.8781, 14.4031, 45.7916



1.1831, 1.3177, 3.6269

Inverse Universe

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



65.7759, 61.4174, 74.7208



77.8098, 70.4365, 87.9950



71.3553, 77.0641, 62.7453



15.4484, 15.2072, 17.6468



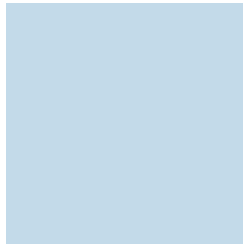
21.8603, 10.9468, 15.5975



1.7637, 0.8784, 1.4729

Previews

White Background



This preview shows how the XYZ color 62.2851, 67.6281, 86.8615 looks on a white background.

Color Contrast Check

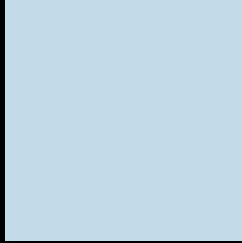
Large Text (above 18pt) WCAG AA × Fail

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 62.2851, 67.6281, 86.8615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

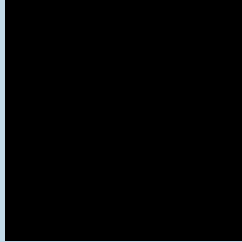
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

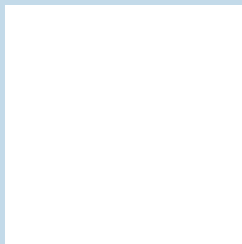
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.2851, 67.6281, 86.8615

Background



This preview shows how black text looks on a background with the XYZ color 62.2851, 67.6281, 86.8615.

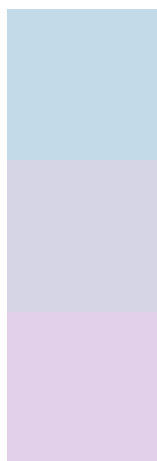


This preview shows how white text looks on a background with the XYZ color 62.2851, 67.6281,

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

62.2851, 67.6281, 86.8615

Protanopia

65.8087, 67.5978, 84.4421

Deuteranopia

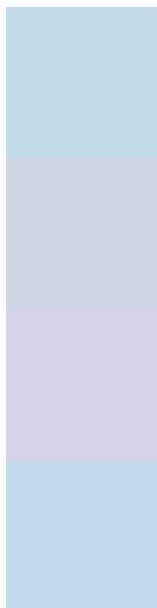
68.9153, 67.2787, 87.9511



Tritanopia

62.5725, 67.7431, 88.3751

Trichromacy



Original Color

62.2851, 67.6281, 86.8615

Protanomaly

64.4564, 67.6358, 85.2591

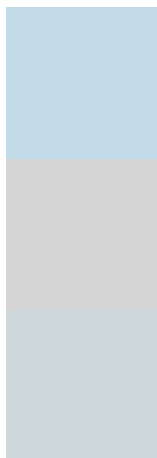
Deuteranomaly

66.4191, 67.4746, 87.3651

Tritanomaly

62.4284, 67.6854, 87.6162

Monochromacy



Original Color

62.2851, 67.6281, 86.8615

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

62.6723, 66.8900, 77.3180

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.2851, 67.6281, 86.8615 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(195, 218, 233)` looks like.

```
.text, #text, p{  
    color:rgb(195, 218, 233)  
}
```

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(195, 218, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 218, 233) }
```

Border

The CSS property to change the border of an element to XYZ 62.2851, 67.6281, 86.8615 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(195, 218, 233) }
```


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

```
.border{ border-color:rgb(195, 218, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 218, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 218, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 218, 233);  
box-shadow:4px 4px 4px 4px rgb(195, 218,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 62.2851, 67.6281, 86.8615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 218, 233) }
```

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

```
.background{ background-color: rgb(195,  
218, 233) }
```

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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