

Converting Colors

XYZ(62.4910, 70.8492, 85.9839)

Have a look what the booklet for
XYZ(62.4910, 70.8492, 85.9839)
contains.

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Color

**XYZ(62.6064, 70.9811,
86.0023)**

Conversions

Conversions Part 1

Format	Color
Hex	BDE2E7
RGB	189, 226, 231
RGB Percent	74%, 89%, 91%
CMY	0.2588, 0.1137, 0.0941
CMYK	0.18, 0.02, 0.00, 0.09
HSL	187°, 47%, 82%
HSV	187°, 18%, 91%
XYZ	62.6064, 70.9811, 86.0023
YIQ	215.5070, -23.6570, -6.2890

Conversions

Conversions Part 2

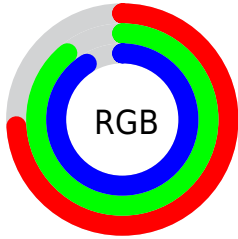
Format	Color
RYB	189, 209, 231
Decimal	12444391
CIELab	87.48, -10.98, -6.47
CIELCh	87, 12.740, 210.516
Yxy	70.9811, 0.2851, 0.3232
Android (android.graphics.Color)	4290634471 (0xFFBDE2E7)
YUV	215.5070, 7.6380, -23.2466
Hunter-Lab	84.2503, -14.7946, -1.5478

Details

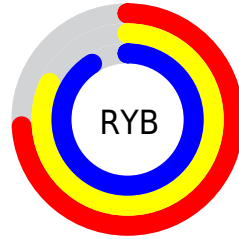
The XYZ color **62.6064, 70.9811, 86.0023** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **61.4326, 59.2464, 56.3432**, and the grayscale version is **64.8980, 68.2777, 74.3544**.

A 20% lighter version of the original color is **91.8160, 98.3328, 108.7487**, and **32.2924, 37.3719, 46.0689** is the 20% darker color. If you saturate the color by 10%, you get **56.5856, 66.7786, 85.5096**, and if you desaturate by 10%, it is **69.5559, 75.6839, 86.5449**.

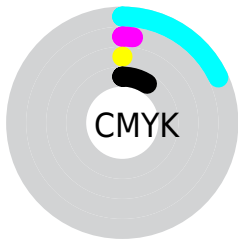
Distribution



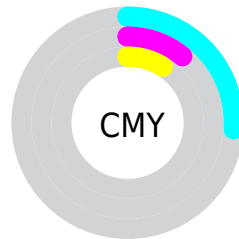
- Red (74%)
- Green (89%)
- Blue (91%)



- Red (74%)
- Yellow (82%)
- Blue (91%)



- Cyan (18%)
- Magenta (2%)
- Yellow (0%)
- Black (9%)



- Cyan (26%)
- Magenta (11%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.6064, 70.9811, 86.0023 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 62.6064, 70.9811, 86.0023 by changing the saturation by 10% instead.

■ 62.6064, 70.9811,
86.0023

■ 62.6064, 70.9811,
86.0023

423.8220,
463.9874, 535.1696

■ 45.7803, 52.3268,
64.1150

■ 107.6865,
120.6068, 143.6593

■ 32.2764, 37.2656,
46.2970

136.6712,
152.3470, 180.2660

■ 21.7293, 25.4132,
32.1299

170.4394,
189.2179, 222.6163

■ 13.7736, 16.3852,
21.1951

209.3567,
231.6040, 271.1286

■ 8.0440, 9.7971,
13.0741

253.7882,
279.8895, 326.2216

■ 4.1752, 5.2647,
7.3482

304.0993,

■ 1.8017, 2.4034,

334.4590, 388.3137

3.5991

360.6555,
395.6968, 457.8235

■ 0.5187, 0.8276,
1.4081

■ 0.0000, 0.0000,
0.1480

■ 62.6064, 70.9811,
86.0023

■ 62.6064, 70.9811,
86.0023

■ 56.5856, 66.7786,
85.5096

■ 69.5559, 75.6839,
86.5449

■ 51.4442, 63.0452,
85.0600


■ 77.4683, 80.8991,
87.1345


■ 47.1377, 59.7598,
84.6528


■ 85.1579, 86.0174,
87.7172


■ 43.6149, 56.8960,
84.2857


■ 85.9476, 87.5967,
87.9804


 40.8192, 54.4246,
83.9560


 86.7494, 89.2004,
88.2476


 38.6864, 52.3122,
83.6607

 87.5635, 90.8285,
88.5190


 37.1404, 50.5196,
83.3962

 88.3899, 92.4813,
88.7945

 36.0739, 48.9914,
83.1574

 89.2286, 94.1588,
89.0740

 35.9027, 48.7270,
83.1154

 90.0797, 95.8611,
89.3578

Harmonies

Analogous

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



61.8479, 70.9811, 77.4355



62.6064, 70.9811, 86.0023



64.6597, 70.9811, 92.6139

Triad

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



62.6064, 70.9811, 86.0023



72.6242, 70.9811, 85.7254



67.4134, 70.9811, 61.8838

Complementary

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



62.6064, 70.9811, 86.0023



61.4326, 59.2464, 56.3432

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.



70.3511, 70.9811, 63.7507



62.6064, 70.9811, 86.0023



73.4132, 70.9811, 77.1374

Square

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



62.6064, 70.9811, 86.0023



70.4438, 70.9811, 92.4458



72.5695, 70.9811, 69.1801



64.5722, 70.9811, 63.8819

Rectangle

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



62.6064, 70.9811, 86.0023



66.5173, 70.9811, 94.7946



72.5695, 70.9811, 69.1801



68.4225, 70.9811, 62.0786

Sweetspot

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



62.6085, 70.9840, 86.0039



90.0318, 96.6975, 108.5270



59.2897, 71.8624, 61.7272



19.1249, 20.6007, 23.2183



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.



62.6085, 70.9840, 86.0039



75.2443, 86.6837, 107.3736



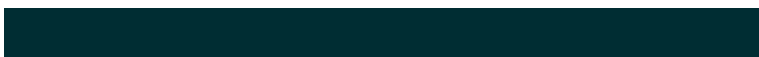
57.2665, 60.3001, 84.2232



14.6534, 16.0282, 18.4658



20.1878, 27.4377, 46.6152



1.5334, 2.1106, 3.4585

Inverse Universe

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



64.8817, 58.8765, 79.8996



78.6343, 68.8584, 98.2186



66.4165, 69.2142, 58.0045



14.9174, 14.5841, 17.7654



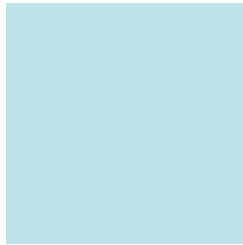
24.5834, 11.9676, 33.0307



1.8376, 0.8927, 2.5513

Previews

White Background



This preview shows how the XYZ color 62.6064, 70.9811, 86.0023 looks on a white background.

Color Contrast Check

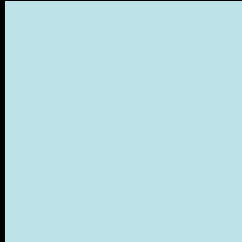
Large Text (above 18pt) WCAG AA × Fail

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 62.6064, 70.9811, 86.0023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

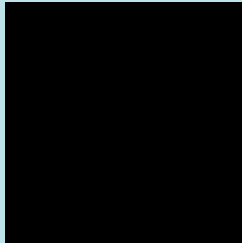
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

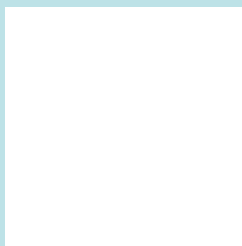
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.6064, 70.9811, 86.0023

Background



This preview shows how black text looks on a background with the XYZ color 62.6064, 70.9811, 86.0023.

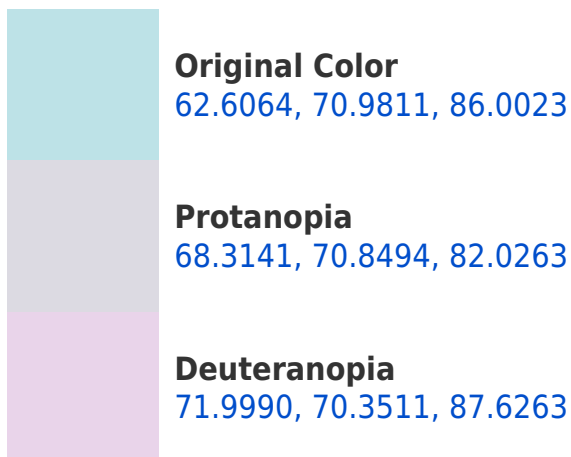


This preview shows how white text looks on a background with the XYZ color 62.6064, 70.9811,

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

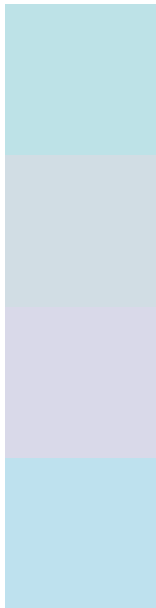




Tritanopia

64.1685, 70.7985, 94.2878

Trichromacy



Original Color

62.6064, 70.9811, 86.0023

Protanomaly

66.1545, 70.8696, 83.5913

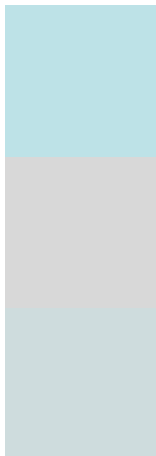
Deuteranomaly

68.1361, 70.2606, 87.0613

Tritanomaly

63.5930, 70.9706, 91.2359

Monochromacy



Original Color

62.6064, 70.9811, 86.0023

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

64.0979, 69.5287, 78.4487

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.6064, 70.9811, 86.0023 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(189, 226, 231)` looks like.

```
.text, #text, p{  
    color:rgb(189, 226, 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(189, 226, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 226, 231) }
```

Border

The CSS property to change the border of an element to XYZ 62.6064, 70.9811, 86.0023 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(189, 226, 231) }
```


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

```
.border{ border-color:rgb(189, 226, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 226, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 226, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 226, 231);  
box-shadow:4px 4px 4px 4px rgb(189, 226,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 62.6064, 70.9811, 86.0023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 226, 231) }
```

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

```
.background{ background-color: rgb(189,  
226, 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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