

Converting Colors

XYZ(61.8829, 70.1727, 87.3739)

Have a look what the booklet for
XYZ(61.8829, 70.1727, 87.3739)
contains.

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Color

**XYZ(61.8829, 70.1727,
87.3739)**

Conversions

Conversions Part 1

Format	Color
Hex	BAE1E9
RGB	186, 225, 233
RGB Percent	73%, 88%, 91%
CMY	0.2706, 0.1176, 0.0863
CMYK	0.20, 0.03, 0.00, 0.09
HSL	190°, 52%, 82%
HSV	190°, 20%, 91%
XYZ	61.8829, 70.1727, 87.3739
YIQ	214.2510, -25.8120, -5.7800

Conversions

Conversions Part 2

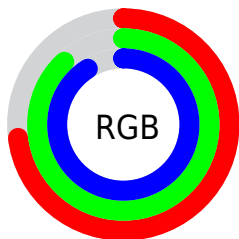
Format	Color
R _Y B	186, 207, 233
Decimal	12247529
CIE Lab	87.08, -10.96, -8.13
CIE LCh	87, 13.643, 216.561
Yxy	70.1727, 0.2820, 0.3198
Android (android.graphics.Color)	4290437609 (0xFFBAE1E9)
YUV	214.2510, 9.2433, -24.7761
Hunter-Lab	83.7691, -14.7325, -3.2030

Details

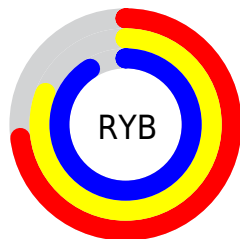
The XYZ color **61.8829, 70.1727, 87.3739** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **61.7597, 59.4526, 54.6762**, and the grayscale version is **64.0393, 67.3743, 73.3707**.

A 20% lighter version of the original color is **90.7721, 97.7947, 108.6998**, and **31.8263, 36.8293, 47.0263** is the 20% darker color. If you saturate the color by 10%, you get **55.6186, 65.3724, 86.7787**, and if you desaturate by 10%, it is **69.0992, 75.5043, 88.0238**.

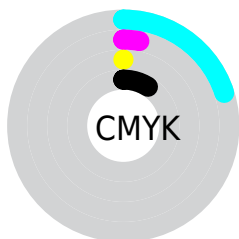
Distribution



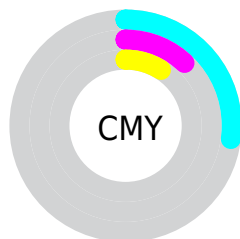
- Red (73%)
- Green (88%)
- Blue (91%)



- Red (73%)
- Yellow (81%)
- Blue (91%)



- Cyan (20%)
- Magenta (3%)
- Yellow (0%)
- Black (9%)



- Cyan (27%)
- Magenta (12%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.8829, 70.1727, 87.3739 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 61.8829, 70.1727, 87.3739 by changing the saturation by 10% instead.

■ 61.8829, 70.1727,
87.3739

■ 61.8829, 70.1727,
87.3739

421.2282,
461.1562, 539.7988

■ 45.1933, 51.6673,
65.2433

■ 106.6472,
119.4550, 145.5886

■ 31.8117, 36.7400,
47.2058

135.4526,
151.0007, 182.5098

■ 21.3725, 25.0062,
32.8428

169.0273,
187.6621, 225.1983

■ 13.5106, 16.0817,
21.7360

207.7367,
229.8233, 274.0726

■ 7.8605, 9.5820,
13.4666

251.9461,
277.8690, 329.5513

■ 4.0569, 5.1227,
7.6161

302.0210,

■ 1.7344, 2.3194,

332.1834, 392.0528

3.7661

358.3265,
393.1510, 461.9958

■ 0.4776, 0.7840,
1.4979

■ 0.0000, 0.0000,
0.2164

■ 61.8829, 70.1727,
87.3739

■ 61.8829, 70.1727,
87.3739

■ 55.6186, 65.3724,
86.7787

■ 69.0992, 75.5043,
88.0238

■ 50.2552, 61.0715,
86.2312


■ 77.3031, 81.3805,
88.7256


■ 45.7464, 57.2475,
85.7307


■ 86.2029, 87.6528,
89.4672


■ 42.0387, 53.8728,
85.2747


■ 87.3629, 89.9727,
89.8539


 39.0730, 50.9165,
84.8604


 88.5484, 92.3438,
90.2491


 36.7813, 48.3433,
84.4845

 89.7596, 94.7662,
90.6528

 35.0829, 46.1115,
84.1433

 90.9967, 97.2403,
91.0651

 33.8569, 44.1806,
83.8352

 91.7082, 98.6633,
91.3023

Harmonies

Analogous

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



60.7778, 70.1727, 78.4343



61.8829, 70.1727, 87.3739



64.2829, 70.1727, 93.7133

Triad

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



61.8829, 70.1727, 87.3739



72.4942, 70.1727, 83.6210



65.9975, 70.1727, 60.2251

Complementary

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



61.8829, 70.1727, 87.3739



61.7597, 59.4526, 54.6762

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.



69.1709, 70.1727, 61.3729



61.8829, 70.1727, 87.3739



72.9887, 70.1727, 74.4133

Square

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



61.8829, 70.1727, 87.3739



70.4241, 70.1727, 91.4285



71.7546, 70.1727, 66.3969



63.1038, 70.1727, 63.1266

Rectangle

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



61.8829, 70.1727, 87.3739



66.3292, 70.1727, 95.3501



71.7546, 70.1727, 66.3969



67.0663, 70.1727, 60.1538

Sweetspot

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



61.8850, 70.1756, 87.3755



88.8185, 95.5630, 108.3720



59.1088, 72.6058, 61.8412



18.8715, 20.3543, 23.1841



0.0000, 0.0000, 0.0000



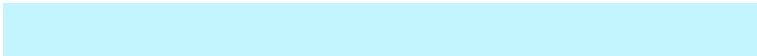
20.3446, 21.4041, 23.3091

Same Dimension

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



61.8850, 70.1756, 87.3755



72.7743, 83.7179, 106.9313



56.0015, 58.4086, 85.4143



15.2869, 16.6603, 19.3323



19.2909, 25.2288, 47.5959



1.5724, 2.0963, 3.7566

Inverse Universe

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



64.7554, 57.8793, 78.9962



76.9057, 66.3220, 94.8037



67.3673, 70.6679, 56.5455



15.5984, 15.2672, 18.4363



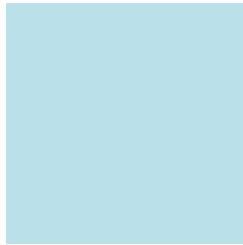
24.5925, 12.0397, 29.9849



1.9602, 0.9570, 2.5077

Previews

White Background



This preview shows how the XYZ color 61.8829, 70.1727, 87.3739 looks on a white background.

Color Contrast Check

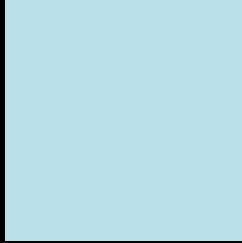
Large Text (above 18pt) WCAG AA × Fail

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 61.8829, 70.1727, 87.3739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

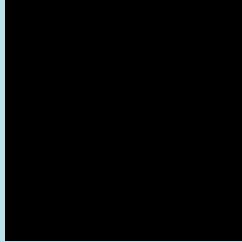
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.8829, 70.1727, 87.3739

Background



This preview shows how black text looks on a background with the XYZ color 61.8829, 70.1727, 87.3739.

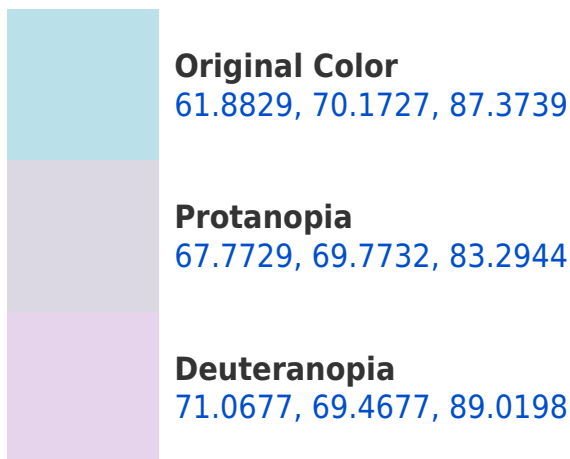


This preview shows how white text looks on a background with the XYZ color 61.8829, 70.1727,

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

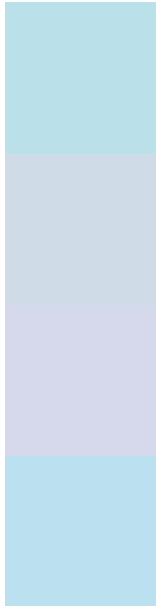




Tritanopia

63.4217, 70.4135, 94.2529

Trichromacy



Original Color

61.8829, 70.1727, 87.3739

Protanomaly

65.3466, 69.6416, 84.8610

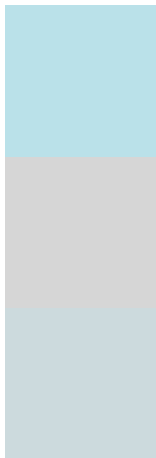
Deuteranomaly

67.2828, 69.4060, 88.4478

Tritanomaly

62.7292, 70.1081, 91.8874

Monochromacy



Original Color

61.8829, 70.1727, 87.3739

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

63.0244, 68.2006, 78.2489

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.8829, 70.1727, 87.3739 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(186, 225, 233)` looks like.

```
.text, #text, p{  
    color:rgb(186, 225, 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(186, 225, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 225, 233) }
```

Border

The CSS property to change the border of an element to XYZ 61.8829, 70.1727, 87.3739 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(186, 225, 233) }
```


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

```
.border{ border-color:rgb(186, 225, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 225, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 225, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 225, 233);  
box-shadow:4px 4px 4px 4px rgb(186, 225,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 61.8829, 70.1727, 87.3739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 225, 233) }
```

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

```
.background{ background-color: rgb(186,  
225, 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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