

Converting Colors

XYZ(62.2216, 71.7124, 86.1658)

Have a look what the booklet for
XYZ(62.2216, 71.7124, 86.1658)
contains.

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Color

**XYZ(62.1748, 71.5706,
86.1389)**

Conversions

Conversions Part 1

Format	Color
Hex	B9E4E7
RGB	185, 228, 231
RGB Percent	73%, 89%, 91%
CMY	0.2745, 0.1059, 0.0941
CMYK	0.20, 0.01, 0.00, 0.09
HSL	184°, 49%, 82%
HSV	184°, 20%, 91%
XYZ	62.1748, 71.5706, 86.1389
YIQ	215.4850, -26.5910, -8.1830

Conversions

Conversions Part 2

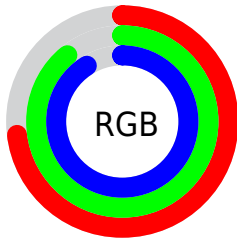
Format	Color
RYB	185, 207, 231
Decimal	12182759
CIELab	87.76, -13.21, -6.07
CIELCh	88, 14.539, 204.697
Yxy	71.5706, 0.2828, 0.3255
Android (android.graphics.Color)	4290372839 (0xFFB9E4E7)
YUV	215.4850, 7.6489, -26.7353
Hunter-Lab	84.5994, -16.8636, -1.1493

Details

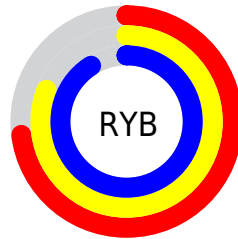
The XYZ color **62.1748, 71.5706, 86.1389** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **59.6959, 56.4584, 53.6516**, and the grayscale version is **64.8844, 68.2634, 74.3389**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **32.0415, 37.8076, 46.1663** is the 20% darker color. If you saturate the color by 10%, you get **56.6369, 68.1055, 85.7631**, and if you desaturate by 10%, it is **68.6259, 75.5155, 86.5615**.

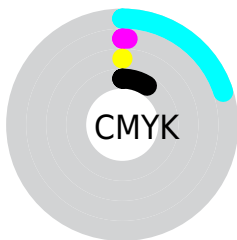
Distribution



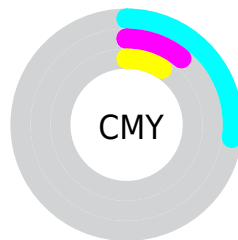
- Red (73%)
- Green (89%)
- Blue (91%)



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



- Cyan (20%)
- Magenta (1%)
- Yellow (0%)
- Black (9%)



- Cyan (27%)
- Magenta (11%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.1748, 71.5706, 86.1389 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 62.1748, 71.5706, 86.1389 by changing the saturation by 10% instead.

■ 62.1748, 71.5706,
86.1389

■ 62.1748, 71.5706,
86.1389

422.2758,
466.0456, 535.6317

■ 45.4301, 52.8080,
64.2273

■ 107.0666,
121.4458, 143.8516

■ 31.9990, 37.6495,
46.3874

135.9445,
153.3273, 180.4897

■ 21.5163, 25.7108,
32.2008

169.5974,
190.3504, 222.8737

■ 13.6165, 16.6074,
21.2488

208.3908,
232.8996, 271.4222

■ 7.9344, 9.9550,
13.1130

252.6900,
281.3594, 326.5537

■ 4.1044, 5.3691,
7.3748

302.8603,

■ 1.7614, 2.4654,

336.1140, 388.6868

3.6156

359.2671,
397.5480, 458.2399

■ 0.4942, 0.8592,
1.4169

■ 0.0000, 0.0000,
0.1549

■ 62.1748, 71.5706,
86.1389

■ 62.1748, 71.5706,
86.1389

■ 56.6369, 68.1055,
85.7631

■ 68.6259, 75.5155,
86.5615

■ 51.9622, 65.0890,
85.4272

■ 76.0246, 79.9524,
87.0279

■ 48.1055, 62.4994,
85.1307

■ 84.4112, 84.9040,
87.5417

■ 45.0151, 60.3102,
84.8710

■ 85.0939, 85.8894,
87.6959

■ 42.6332, 58.4915,
84.6455

■ 85.5243, 86.7502,
87.8394

■ 40.8937, 57.0093,
84.4511

■ 85.9584, 87.6183,
87.9840

■ 39.7182, 55.8232,
84.2841

■ 86.3961, 88.4937,
88.1299

■ 38.9732, 54.8641,
84.1382

■ 86.8375, 89.3765,
88.2771

■ 38.9673, 54.8561,
84.1370

■ 87.2825, 90.2665,
88.4254

Harmonies

Analogous

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



61.6317, 71.5706, 76.1853



62.1748, 71.5706, 86.1389



64.2635, 71.5706, 94.4846

Triad

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



62.1748, 71.5706, 86.1389



73.5846, 71.5706, 89.4317



68.6407, 71.5706, 60.4999

Complementary

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



62.1748, 71.5706, 86.1389



59.6959, 56.4584, 53.6516

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.



71.9320, 71.5706, 63.4286



62.1748, 71.5706, 86.1389



74.8474, 71.5706, 79.6975

Square

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



62.1748, 71.5706, 86.1389



70.8353, 71.5706, 96.4954



74.2326, 71.5706, 70.2566



65.2914, 71.5706, 61.9100

Rectangle

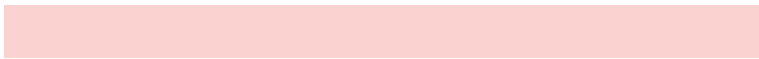
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.1748, 71.5706, 86.1389



66.2898, 71.5706, 97.7277



74.2326, 71.5706, 70.2566



69.7917, 71.5706, 61.0017

Sweetspot

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



62.1769, 71.5735, 86.1405



89.3262, 96.5784, 108.5412



57.5866, 71.0682, 57.8661



18.9918, 20.5950, 23.2242



0.0000, 0.0000, 0.0000



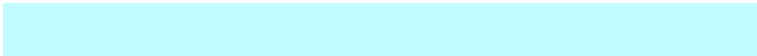
20.3446, 21.4041, 23.3091

Same Dimension

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



62.1769, 71.5735, 86.1405



74.7479, 87.6651, 107.5892



56.4319, 60.0835, 84.2255



14.7228, 16.1671, 18.4889



21.8811, 30.8242, 47.1796



1.6413, 2.3266, 3.4945

Inverse Universe

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



64.3092, 57.2899, 81.0707



77.9019, 66.7204, 100.0496



64.8340, 66.7346, 55.3643



14.9524, 14.5982, 17.9499



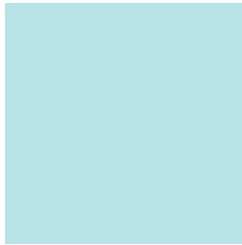
25.4381, 12.3094, 37.5314



1.8921, 0.9146, 2.8383

Previews

White Background



This preview shows how the XYZ color 62.1748, 71.5706, 86.1389 looks on a white background.

Color Contrast Check

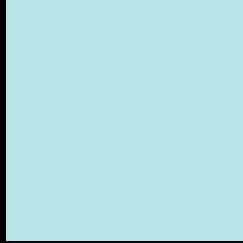
Large Text (above 18pt) WCAG AA × Fail

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 62.1748, 71.5706, 86.1389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

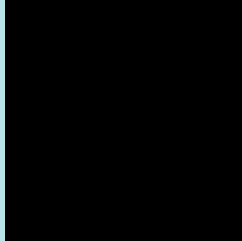
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.1748, 71.5706, 86.1389

Background



This preview shows how black text looks on a background with the XYZ color 62.1748, 71.5706, 86.1389.

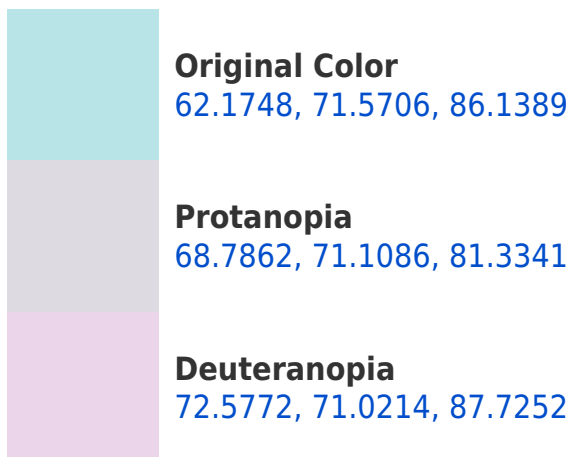


This preview shows how white text looks on a background with the XYZ color 62.1748, 71.5706,

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

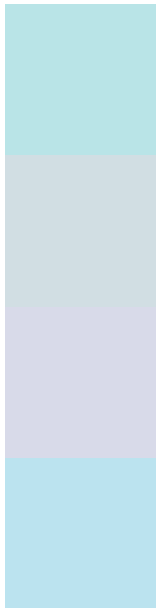




Tritanopia

64.2645, 71.6157, 96.0241

Trichromacy



Original Color

62.1748, 71.5706, 86.1389

Protanomaly

66.2809, 71.3439, 82.9504

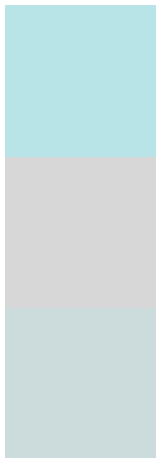
Deuteranomaly

68.0983, 70.6249, 87.1336

Tritanomaly

63.5426, 71.7350, 92.1585

Monochromacy



Original Color

62.1748, 71.5706, 86.1389

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

63.5462, 69.2442, 78.4228

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.1748, 71.5706, 86.1389 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(185, 228, 231)` looks like.

```
.text, #text, p{  
    color:rgb(185, 228, 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(185, 228, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 228, 231) }
```

Border

The CSS property to change the border of an element to XYZ 62.1748, 71.5706, 86.1389 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(185, 228, 231) }
```


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

```
.border{ border-color:rgb(185, 228, 231) }
```

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

Here you see how a box with a 4 pixel rgb(185, 228, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 228, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 228, 231);  
box-shadow:4px 4px 4px 4px rgb(185, 228,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 62.1748, 71.5706, 86.1389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 228, 231) }
```

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

```
.background{ background-color: rgb(185,  
228, 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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