

Converting Colors

XYZ(62.3654, 69.9709, 88.1140)

Have a look what the booklet for
XYZ(62.3654, 69.9709, 88.1140)
contains.

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Color

**XYZ(62.4932, 70.0706,
88.0731)**

Conversions

Conversions Part 1

Format	Color
Hex	BDE0EA
RGB	189, 224, 234
RGB Percent	74%, 88%, 92%
CMY	0.2588, 0.1216, 0.0823
CMYK	0.19, 0.04, 0.00, 0.08
HSL	193°, 52%, 83%
HSV	193°, 19%, 92%
XYZ	62.4932, 70.0706, 88.0731
YIQ	214.6750, -24.0700, -4.3100

Conversions

Conversions Part 2

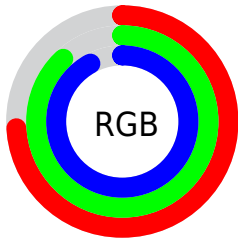
Format	Color
R _Y B	189, 209, 234
Decimal	12443882
CIE Lab	87.03, -9.32, -8.71
CIE LCh	87, 12.757, 223.046
Yxy	70.0706, 0.2832, 0.3176
Android (android.graphics.Color)	4290633962 (0xFFBDE0EA)
YUV	214.6750, 9.5272, -22.5170
Hunter-Lab	83.7082, -13.2283, -3.7859

Details

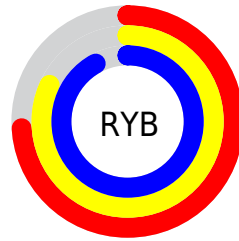
The XYZ color **62.4932, 70.0706, 88.0731** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **63.5411, 62.0135, 56.7664**, and the grayscale version is **64.3225, 67.6723, 73.6951**.

A 20% lighter version of the original color is **91.8160, 98.3328, 108.7487**, and **32.2155, 36.7412, 47.5133** is the 20% darker color. If you saturate the color by 10%, you get **55.7751, 64.5665, 87.3659**, and if you desaturate by 10%, it is **70.1947, 76.1487, 88.8415**.

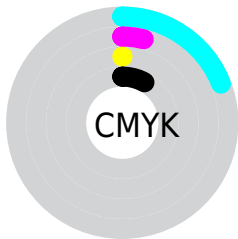
Distribution



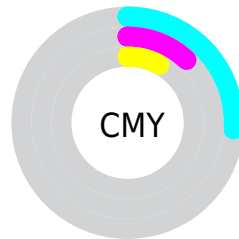
- Red (74%)
- Green (88%)
- Blue (92%)



- Red (74%)
- Yellow (82%)
- Blue (92%)



- Cyan (19%)
- Magenta (4%)
- Yellow (0%)
- Black (8%)



- Cyan (26%)
- Magenta (12%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.4932, 70.0706, 88.0731 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 62.4932, 70.0706, 88.0731 by changing the saturation by 10% instead.

■ 62.4932, 70.0706,
88.0731

■ 62.4932, 70.0706,
88.0731

423.4168,
460.7979, 542.1501

■ 45.6884, 51.5841,
65.8189

■ 107.5239,
119.3094, 146.5710

■ 32.2036, 36.6737,
47.6699

136.4806,
150.8305, 183.6517

■ 21.6734, 24.9549,
33.2074

170.2187,
187.4653, 226.5118

■ 13.7324, 16.0435,
22.0130

209.1035,
229.5981, 275.5696

■ 8.0152, 9.5549,
13.6680

253.5003,
277.6134, 331.2439

■ 4.1566, 5.1049,
7.7540

303.7746,

■ 1.7911, 2.3089,

331.8955, 393.9530

3.8524

360.2916,
392.8289, 464.1156

■ 0.5123, 0.7784,
1.5448

■ 0.0000, 0.0000,
0.2509

■ 62.4932, 70.0706,
88.0731

■ 62.4932, 70.0706,
88.0731

■ 55.7751, 64.5665,
87.3659

■ 70.1947, 76.1487,
88.8415

■ 49.9889, 59.6039,
86.7130

■ 78.9155, 82.8143,
89.6685

■ 45.0878, 55.1599,
86.1135

■ 87.1340, 89.2857,
90.4844

■ 41.0183, 51.2063,
85.5649

■ 88.6831, 92.3837,
91.0007

■ 37.7209, 47.7119,
85.0642

■ 90.2763, 95.5702,
91.5318

■ 35.1276, 44.6410,
84.6082

■ 91.8515, 98.7206,
92.0569

■ 33.1583, 41.9518,
84.1929

■ 31.6873, 39.5787,
83.8124

■ 31.5826, 39.4029,
83.7839

Harmonies

Analogous

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



61.1640, 70.0706, 80.0656



62.4932, 70.0706, 88.0731



64.9404, 70.0706, 93.1218

Triad

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



62.4932, 70.0706, 88.0731



72.2419, 70.0706, 81.1891



65.3129, 70.0706, 61.3768

Complementary

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



62.4932, 70.0706, 88.0731



63.5411, 62.0135, 56.7664

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.



68.2877, 70.0706, 61.6281



62.4932, 70.0706, 88.0731



72.3489, 70.0706, 72.6446

Square

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



62.4932, 70.0706, 88.0731



70.5947, 70.0706, 88.9484



70.8829, 70.0706, 65.6167



62.7589, 70.0706, 64.9024

Rectangle

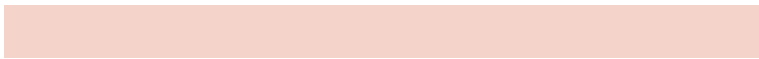
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.4932, 70.0706, 88.0731



66.9054, 70.0706, 93.9134



70.8829, 70.0706, 65.6167



66.2955, 70.0706, 61.0306

Sweetspot

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



62.4953, 70.0735, 88.0747



88.5686, 95.0632, 108.2887



60.6902, 73.7776, 64.9240



18.8123, 20.2358, 23.1643



0.0000, 0.0000, 0.0000



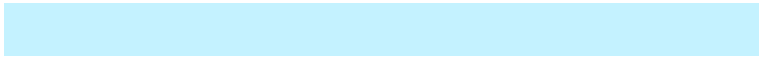
20.3446, 21.4041, 23.3091

Same Dimension

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



62.4953, 70.0735, 88.0747



72.6494, 82.4893, 106.7007



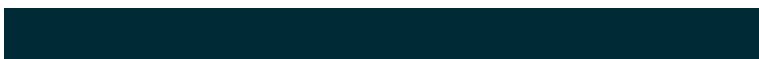
56.9008, 58.8846, 86.2099



15.2173, 16.5211, 19.3091



17.8451, 22.3373, 47.1140



1.4711, 1.8936, 3.7228

Inverse Universe

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



65.5855, 59.2710, 78.5079



77.0815, 67.3070, 92.9099



69.0407, 73.0129, 58.5996



15.5633, 15.2532, 18.2514



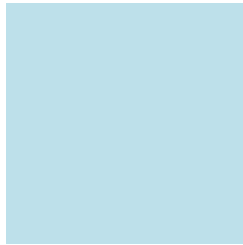
23.8627, 11.7478, 26.1421



1.9090, 0.9366, 2.2383

Previews

White Background



This preview shows how the XYZ color 62.4932, 70.0706, 88.0731 looks on a white background.

Color Contrast Check

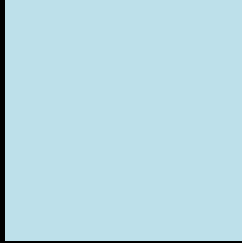
Large Text (above 18pt) WCAG AA × Fail

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 62.4932, 70.0706, 88.0731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

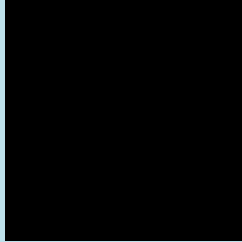
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.4932, 70.0706, 88.0731

Background



This preview shows how black text looks on a background with the XYZ color 62.4932, 70.0706, 88.0731.

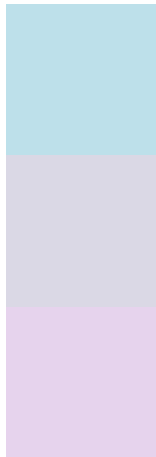


This preview shows how white text looks on a background with the XYZ color 62.4932, 70.0706,

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

62.4932, 70.0706, 88.0731

Protanopia

67.6122, 69.6743, 84.0137

Deuteranopia

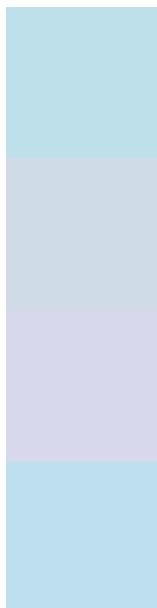
71.2135, 69.5260, 89.7873



Tritanopia

63.5001, 70.0734, 93.3978

Trichromacy



Original Color

62.4932, 70.0706, 88.0731

Protanomaly

65.4874, 69.6980, 85.6028

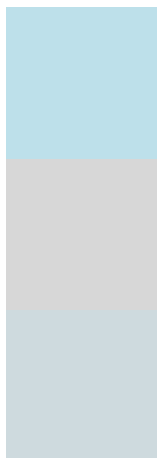
Deuteranomaly

67.7205, 69.6149, 89.2247

Tritanomaly

63.0555, 69.8955, 91.0567

Monochromacy



Original Color

62.4932, 70.0706, 88.0731

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

63.7098, 68.5385, 78.9786

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4932, 70.0706, 88.0731 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, 224, 234)` looks like.

```
.text, #text, p{  
    color:rgb(189, 224, 234)  
}
```

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, 224, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 224, 234) }
```

Border

The CSS property to change the border of an element to XYZ 62.4932, 70.0706, 88.0731 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, 224, 234) }
```


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

```
.border{ border-color:rgb(189, 224, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 224, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 224, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 224, 234);  
box-shadow:4px 4px 4px 4px rgb(189, 224,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4932, 70.0706, 88.0731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 224, 234) }
```

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

```
.background{ background-color: rgb(189,  
224, 234) }
```

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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