

Converting Colors

XYZ(62.1798, 69.7669, 88.4845)

Have a look what the booklet for
XYZ(62.1798, 69.7669, 88.4845)
contains.

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Color

**XYZ(62.3901, 70.0008,
88.8205)**

Conversions

Conversions Part 1

Format	Color
Hex	BCE0EB
RGB	188, 224, 235
RGB Percent	74%, 88%, 92%
CMY	0.2627, 0.1216, 0.0784
CMYK	0.20, 0.05, 0.00, 0.08
HSL	194°, 54%, 83%
HSV	194°, 20%, 92%
XYZ	62.3901, 70.0008, 88.8205
YIQ	214.4900, -24.9870, -4.2110

Conversions

Conversions Part 2

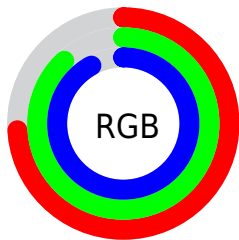
Format	Color
R _Y B	188, 208, 235
Decimal	12378347
CIE Lab	87.00, -9.41, -9.29
CIE LCh	87, 13.228, 224.625
Yxy	70.0008, 0.2820, 0.3164
Android (android.graphics.Color)	4290568427 (0xFFBCE0EB)
YUV	214.4900, 10.1114, -23.2317
Hunter-Lab	83.6665, -13.3089, -4.3758

Details

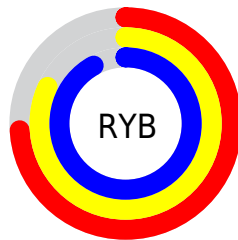
The XYZ color **62.3901, 70.0008, 88.8205** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **63.7622, 62.1401, 56.2121**, and the grayscale version is **64.1943, 67.5374, 73.5482**.

A 20% lighter version of the original color is **91.4662, 98.1525, 108.7323**, and **32.1562, 36.6989, 48.0366** is the 20% darker color. If you saturate the color by 10%, you get **55.6121, 64.3499, 88.0881**, and if you desaturate by 10%, it is **70.1626, 76.2390, 89.6161**.

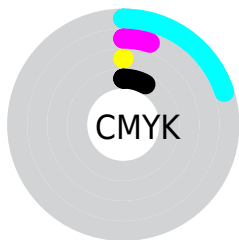
Distribution



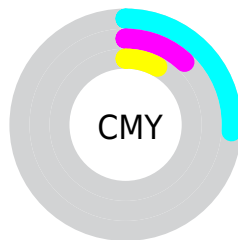
- Red (74%)
- Green (88%)
- Blue (92%)



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



- Cyan (20%)
- Magenta (5%)
- Yellow (0%)
- Black (8%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.3901, 70.0008, 88.8205 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 62.3901, 70.0008, 88.8205 by changing the saturation by 10% instead.

■ 62.3901, 70.0008,
88.8205

■ 62.3901, 70.0008,
88.8205

423.0475,
460.5528, 544.6573

■ 45.6048, 51.5272,
66.4346

■ 107.3759,
119.2099, 147.6201

■ 32.1374, 36.6283,
48.1666

136.3071,
150.7142, 184.8709

■ 21.6225, 24.9199,
33.5979

170.0176,
187.3308, 227.9137

■ 13.6948, 16.0174,
22.3100

208.8728,
229.4441, 277.1671

■ 7.9890, 9.5364,
13.8844

253.2380,
277.4386, 333.0496

■ 4.1397, 5.0927,
7.9025

303.4787,

■ 1.7814, 2.3018,

331.6986, 395.9798

3.9457

359.9601,
392.6086, 466.3761

■ 0.5065, 0.7746,
1.5956

■ 0.0000, 0.0000,
0.2877

■ 62.3901, 70.0008,
88.8205

■ 62.3901, 70.0008,
88.8205

■ 55.6121, 64.3499,
88.0881

■ 70.1626, 76.2390,
89.6161

■ 49.7766, 59.2532,
87.4120

■ 78.9664, 83.0787,
90.4722

■ 44.8356, 54.6874,
86.7911

■ 87.5433, 89.8736,
91.3317

■ 40.7347, 50.6236,
86.2228

■ 89.1912, 93.1694,
91.8810

■ 37.4131, 47.0298,
85.7042

■ 90.8886, 96.5642,
92.4468

■ 34.8015, 43.8696,
85.2319

■ 91.9956, 98.7782,
92.8159

■ 32.8172, 41.0996,
84.8018

■ 31.3199, 38.6468,
84.4073

■ 31.3198, 38.6466,
84.4073

Harmonies

Analogous

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



60.9435, 70.0008, 80.6009



62.3901, 70.0008, 88.8205



64.9693, 70.0008, 93.8494

Triad

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



62.3901, 70.0008, 88.8205



72.4343, 70.0008, 80.8245



65.0433, 70.0008, 60.8979

Complementary

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



62.3901, 70.0008, 88.8205



63.7622, 62.1401, 56.2121

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.



68.1229, 70.0008, 60.9476



62.3901, 70.0008, 88.8205



72.4556, 70.0008, 71.9988

Square

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



62.3901, 70.0008, 88.8205



70.7994, 70.0008, 88.9951



70.8567, 70.0008, 64.8695



62.4428, 70.0008, 64.7282

Rectangle

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



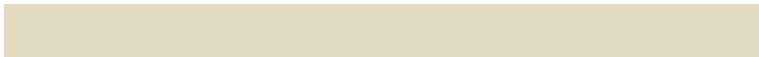
62.3901, 70.0008, 88.8205



67.0144, 70.0008, 94.4873



70.8567, 70.0008, 64.8695



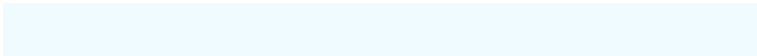
66.0552, 70.0008, 60.4715

Sweetspot

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



62.3922, 70.0037, 88.8221



88.5119, 94.9499, 108.2698



60.7537, 74.2313, 65.1400



18.7988, 20.2090, 23.1599



0.0000, 0.0000, 0.0000



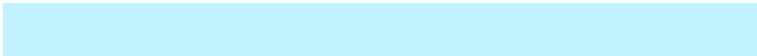
20.3446, 21.4041, 23.3091

Same Dimension

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



62.3922, 70.0037, 88.8221



71.6075, 81.3842, 106.5424



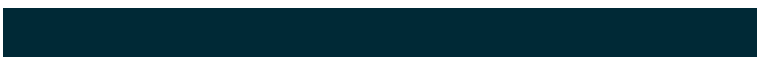
56.5139, 58.2471, 86.8627



15.2016, 16.4896, 19.3039



17.5330, 21.7129, 47.0099



1.4490, 1.8494, 3.7155

Inverse Universe

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



65.7004, 59.0121, 78.4519



76.3167, 66.0864, 91.7024



69.5847, 73.7852, 58.1529



15.5553, 15.2500, 18.2095



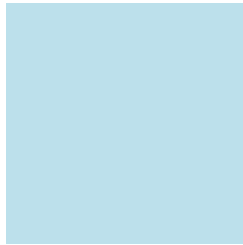
23.7051, 11.6847, 25.3123



1.8979, 0.9321, 2.1795

Previews

White Background



This preview shows how the XYZ color 62.3901, 70.0008, 88.8205 looks on a white background.

Color Contrast Check

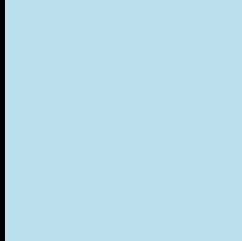
Large Text (above 18pt) WCAG AA × Fail

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 62.3901, 70.0008, 88.8205 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

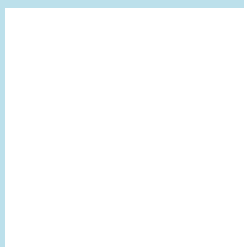
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.3901, 70.0008, 88.8205

Background



This preview shows how black text looks on a background with the XYZ color 62.3901, 70.0008, 88.8205.

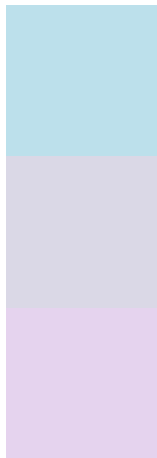


This preview shows how white text looks on a background with the XYZ color 62.3901, 70.0008,

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

62.3901, 70.0008, 88.8205

Protanopia

67.7522, 69.7303, 84.7513

Deuteranopia

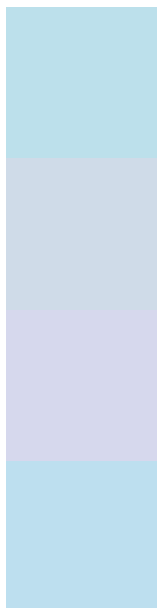
71.0400, 69.4196, 90.5440



Tritanopia

63.2511, 69.9450, 93.3861

Trichromacy



Original Color

62.3901, 70.0008, 88.8205

Protanomaly

65.6291, 69.7546, 86.3489

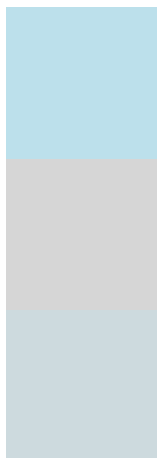
Deuteranomaly

67.5735, 69.5223, 89.9784

Tritanomaly

62.9539, 69.8262, 91.8211

Monochromacy



Original Color

62.3901, 70.0008, 88.8205

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

63.4331, 68.3959, 78.9657

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3901, 70.0008, 88.8205 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(188, 224, 235)` looks like.

```
.text, #text, p{  
    color:rgb(188, 224, 235)  
}
```

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(188, 224, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 224, 235) }
```

Border

The CSS property to change the border of an element to XYZ 62.3901, 70.0008, 88.8205 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(188, 224, 235) }
```


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

```
.border{ border-color:rgb(188, 224, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 224, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 224, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 224, 235);  
box-shadow:4px 4px 4px 4px rgb(188, 224,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3901, 70.0008, 88.8205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 224, 235) }
```

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

```
.background{ background-color: rgb(188,  
224, 235) }
```

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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