

Converting Colors

XYZ(62.2496, 70.6975, 90.4858)

Have a look what the booklet for
XYZ(62.2496, 70.6975, 90.4858)
contains.

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Color

**XYZ(62.2496, 70.6975,
90.4858)**

Conversions

Conversions Part 1

Format	Color
Hex	B8E2ED
RGB	184, 226, 237
RGB Percent	72%, 89%, 93%
CMY	0.2784, 0.1137, 0.0706
CMYK	0.22, 0.05, 0.00, 0.07
HSL	192°, 60%, 83%
HSV	192°, 22%, 93%
XYZ	62.2496, 70.6975, 90.4858
YIQ	214.6960, -28.5630, -5.4830

Conversions

Conversions Part 2

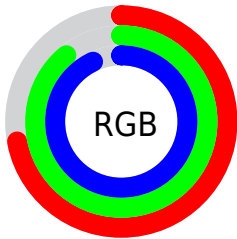
Format	Color
RYB	184, 207, 237
Decimal	12116717
CIELab	87.34, -11.21, -9.87
CIELCh	87, 14.932, 221.353
Yxy	70.6975, 0.2786, 0.3164
Android (android.graphics.Color)	4290306797 (0xFFB8E2ED)
YUV	214.6960, 10.9959, -26.9204
Hunter-Lab	84.0818, -14.9915, -4.9485

Details

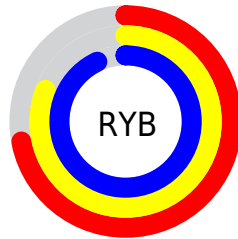
The XYZ color **62.2496, 70.6975, 90.4858** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **63.0926, 60.4957, 53.7004**, and the grayscale version is **64.3293, 67.6795, 73.7029**.

A 20% lighter version of the original color is **90.0856, 97.4408, 108.6677**, and **32.1093, 37.2078, 49.2056** is the 20% darker color. If you saturate the color by 10%, you get **55.7235, 65.3781, 89.8042**, and if you desaturate by 10%, it is **69.7694, 76.5897, 91.2279**.

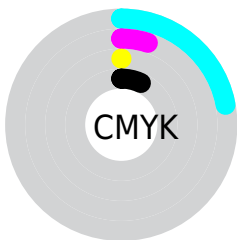
Distribution



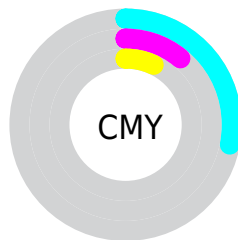
- Red (72%)
- Green (89%)
- Blue (93%)



- Red (72%)
- Yellow (81%)
- Blue (93%)



- Cyan (22%)
- Magenta (5%)
- Yellow (0%)
- Black (7%)



- Cyan (28%)
- Magenta (11%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.2496, 70.6975, 90.4858 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 62.2496, 70.6975, 90.4858 by changing the saturation by 10% instead.

■ 62.2496, 70.6975,
90.4858

■ 62.2496, 70.6975,
90.4858

422.5440,
462.9953, 550.2207

■ 45.4908, 52.0954,
67.8077

■ 107.1741,
120.2029, 149.9544

■ 32.0471, 37.0811,
49.2756

136.0705,
151.8750, 187.5820

■ 21.5532, 25.2703,
34.4710

169.7434,
188.6725, 231.0297

■ 13.6437, 16.2785,
22.9754

208.5583,
230.9798, 280.7163

■ 7.9533, 9.7215,
14.3702

252.8804,
279.1813, 337.0601

■ 4.1167, 5.2147,
8.2369

303.0752,

■ 1.7683, 2.3738,

333.6615, 400.4797

4.1570

359.5079,
394.8047, 471.3938

■ 0.4985, 0.8123,
1.7118

■ 0.0000, 0.0000,
0.3688

■ 62.2496, 70.6975,
90.4858

■ 62.2496, 70.6975,
90.4858

■ 55.7235, 65.3781,
89.8042

■ 69.7694, 76.5897,
91.2279

■ 50.1370, 60.5978,
89.1759

■ 78.3209, 83.0693,
92.0279

■ 45.4406, 56.3324,
88.6001

■ 87.9098, 90.1416,
92.8876

■ 41.5773, 52.5519,
88.0741

■ 89.3833, 93.0886,
93.3788

■ 38.4835, 49.2232,
87.5946

■ 90.8964, 96.1147,
93.8831

■ 36.0856, 46.3078,
87.1583

■ 92.2863, 98.8945,
94.3464

■ 34.2954, 43.7596,
86.7608

■ 33.2321, 42.0062,
86.4784

Harmonies

Analogous

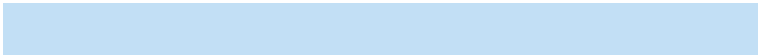
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



60.7856, 70.6975, 80.8506



62.2496, 70.6975, 90.4858



65.0582, 70.6975, 96.8104

Triad

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



62.2496, 70.6975, 90.4858



73.8045, 70.6975, 83.3331



65.8743, 70.6975, 59.5187

Complementary

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



62.2496, 70.6975, 90.4858



63.0926, 60.4957, 53.7004

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.



69.3799, 70.6975, 60.0571



62.2496, 70.6975, 90.4858



74.0417, 70.6975, 73.2302

Square

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



62.2496, 70.6975, 90.4858



71.7604, 70.6975, 92.4389



72.3974, 70.6975, 64.8854



62.8291, 70.6975, 63.3442

Rectangle

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



62.2496, 70.6975, 90.4858



67.3555, 70.6975, 97.9926



72.3974, 70.6975, 64.8854



67.0364, 70.6975, 59.2047

Sweetspot

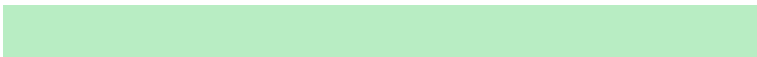
The Sweet Spot groups the original color and five complimentary colors.



62.2517, 70.7004, 90.4874



87.6150, 94.4299, 108.2167



59.8579, 74.6821, 62.6547



18.6222, 20.1126, 23.1506



0.0000, 0.0000, 0.0000



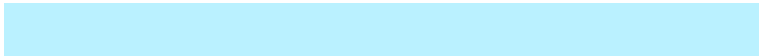
20.3446, 21.4041, 23.3091

Same Dimension

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



62.2517, 70.7004, 90.4874



69.7069, 80.4193, 106.4563



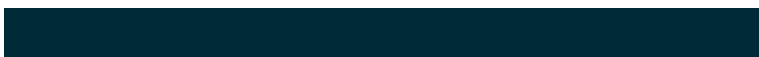
55.6858, 57.5686, 88.2988



15.2369, 16.5603, 19.3156



18.2408, 23.1285, 47.2458



1.4989, 1.9494, 3.7321

Inverse Universe

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



65.7947, 57.7781, 79.6393



74.6650, 62.7748, 91.1768



69.4609, 73.2323, 55.8232



15.5731, 15.2571, 18.3034



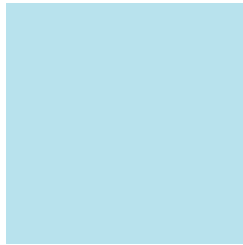
24.0624, 11.8276, 27.1936



1.9231, 0.9422, 2.3124

Previews

White Background



This preview shows how the XYZ color 62.2496, 70.6975, 90.4858 looks on a white background.

Color Contrast Check

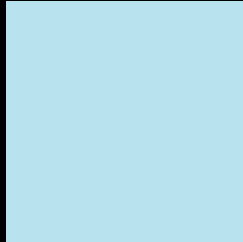
Large Text (above 18pt) WCAG AA × Fail

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 62.2496, 70.6975, 90.4858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

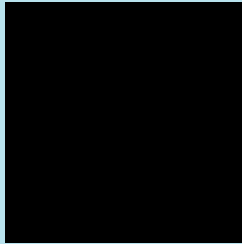
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.2496, 70.6975, 90.4858

Background



This preview shows how black text looks on a background with the XYZ color 62.2496, 70.6975, 90.4858.



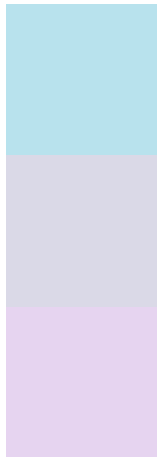
This preview shows how white text looks on a background with the XYZ color 62.2496, 70.6975,

90.4858.

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

62.2496, 70.6975, 90.4858

Protanopia

68.1501, 70.3007, 85.5788

Deuteranopia

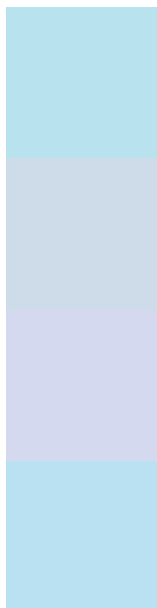
71.9048, 70.2012, 92.1985



Tritanopia

63.1105, 70.6358, 95.1018

Trichromacy



Original Color

62.2496, 70.6975, 90.4858

Protanomaly

65.7548, 70.1914, 87.1734

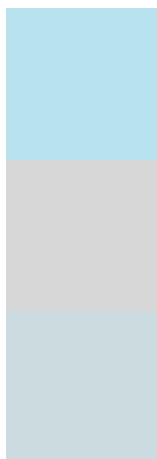
Deuteranomaly

67.8334, 70.0038, 91.5982

Tritanomaly

62.8100, 70.5156, 93.5195

Monochromacy



Original Color

62.2496, 70.6975, 90.4858

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

63.5526, 68.8281, 79.7476

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.2496, 70.6975, 90.4858 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(184, 226, 237)` looks like.

```
.text, #text, p{  
    color:rgb(184, 226, 237)  
}
```

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(184, 226, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 226, 237) }
```

Border

The CSS property to change the border of an element to XYZ 62.2496, 70.6975, 90.4858 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(184, 226, 237) }
```


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

```
.border{ border-color:rgb(184, 226, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 226, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 226, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 226, 237);  
box-shadow:4px 4px 4px 4px rgb(184, 226,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 62.2496, 70.6975, 90.4858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 226, 237) }
```

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

```
.background{ background-color: rgb(184,  
226, 237) }
```

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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