

Converting Colors

XYZ(62.9016, 70.5382, 98.4968)

Have a look what the booklet for
XYZ(62.9016, 70.5382, 98.4968)
contains.

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Color

**XYZ(62.7698, 70.3896,
98.2739)**

Conversions

Conversions Part 1

Format	Color
Hex	B5E1F7
RGB	181, 225, 247
RGB Percent	71%, 88%, 97%
CMY	0.2902, 0.1176, 0.0314
CMYK	0.27, 0.09, 0.00, 0.03
HSL	200°, 80%, 84%
HSV	200°, 27%, 97%
XYZ	62.7698, 70.3896, 98.2739
YIQ	214.3520, -33.2860, -2.4860

Conversions

Conversions Part 2

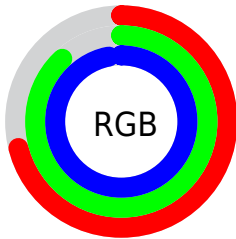
Format	Color
R_{YB}	181, 207, 247
Decimal	11919863
CIE _{Lab}	87.19, -9.36, -15.37
CIE _{LCh}	87, 17.994, 238.675
Yxy	70.3896, 0.2712, 0.3041
Android (android.graphics.Color)	4290109943 (0xFFB5E1F7)
YUV	214.3520, 16.0955, -29.2497
Hunter-Lab	83.8985, -13.2752, -10.7199

Details

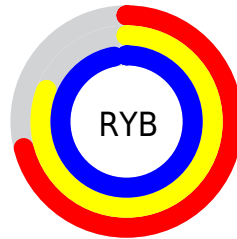
The XYZ color **62.7698, 70.3896, 98.2739** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **68.0551, 65.8228, 52.8360**, and the grayscale version is **64.0663, 67.4028, 73.4016**.

A 20% lighter version of the original color is **89.0699, 96.9171, 108.6201**, and **32.5311, 37.0231, 54.7218** is the 20% darker color. If you saturate the color by 10%, you get **55.3118, 63.3219, 97.3039**, and if you desaturate by 10%, it is **71.3661, 78.2069, 99.3309**.

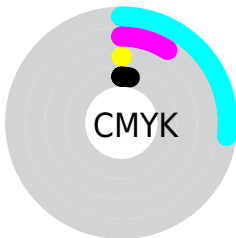
Distribution



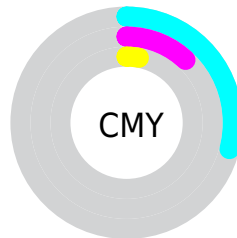
- Red (71%)
- Green (88%)
- Blue (97%)



- Red (71%)
- Yellow (81%)
- Blue (97%)



- Cyan (27%)
- Magenta (9%)
- Yellow (0%)
- Black (3%)



- Cyan (29%)
- Magenta (12%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.7698, 70.3896, 98.2739 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 62.7698, 70.3896, 98.2739 by changing the saturation by 10% instead.

■ 62.7698, 70.3896,
98.2739

■ 62.7698, 70.3896,
98.2739

424.4065,
461.9168, 575.8437

■ 45.9130, 51.8442,
74.2510

■ 107.9210,
119.7642, 160.8142

■ 32.3815, 36.8809,
54.5014

136.9461,
151.3622, 200.1687

■ 21.8100, 25.1153,
38.6068

170.7580,
188.0798, 245.4707

■ 13.8332, 16.1630,
26.1485

209.7220,
230.3015, 297.1389

■ 8.0856, 9.6396,
16.7080

254.2035,
278.4117, 355.5918

■ 4.2021, 5.1606,
9.8668

304.5678,

■ 1.8171, 2.3418,

332.7947, 421.2478

5.2063

361.1804,
393.8349, 494.5256

■ 0.5279, 0.7957,
2.3079

■ 0.0000, 0.0000,
0.7357

■ 62.7698, 70.3896,
98.2739

■ 62.7698, 70.3896,
98.2739

■ 55.3118, 63.3219,
97.3039

■ 71.3661, 78.2069,
99.3309

■ 48.9301, 56.9643,
96.4132

■ 81.1459, 86.7942,
100.4730

■ 43.5659, 51.2861,
95.5999

■ 92.1218, 96.1616,
101.7026

■ 39.1520, 46.2503,
94.8605

■ 93.7887, 99.4955,
102.2582

■ 35.6125, 41.8155,
94.1911

■ 32.8584, 37.9332,
93.5869

■ 30.7780, 34.5435,
93.0422

■ 30.1855, 33.5091,
92.8738

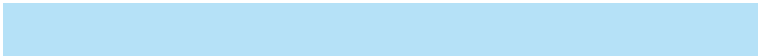
Harmonies

Analogous

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



60.0288, 70.3896, 88.3518



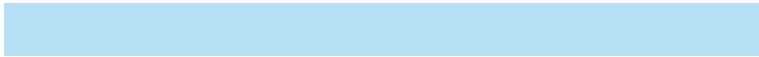
62.7698, 70.3896, 98.2739



66.7157, 70.3896, 102.3218

Triad

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



62.7698, 70.3896, 98.2739



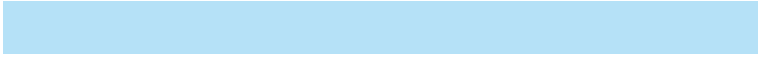
75.3540, 70.3896, 77.1812



63.0819, 70.3896, 57.9960

Complementary

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



62.7698, 70.3896, 98.2739



68.0551, 65.8228, 52.8360

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.



67.0911, 70.3896, 55.6646



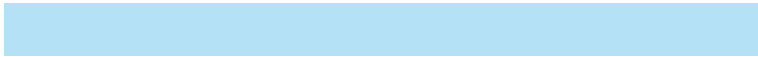
62.7698, 70.3896, 98.2739



74.2833, 70.3896, 66.0160

Square

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



62.7698, 70.3896, 98.2739



74.0822, 70.3896, 89.3795



71.2142, 70.3896, 58.4435



60.2036, 70.3896, 65.1766

Rectangle

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



62.7698, 70.3896, 98.2739



69.5372, 70.3896, 100.8519



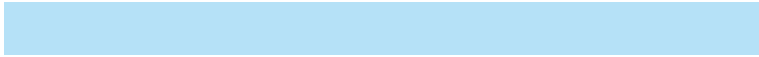
71.2142, 70.3896, 58.4435



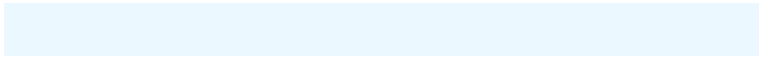
64.3366, 70.3896, 56.6547

Sweetspot

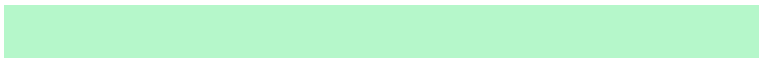
The Sweet Spot groups the original color and five complimentary colors.



62.7719, 70.3924, 98.2755



85.8082, 92.0724, 107.8569



62.9672, 80.6062, 68.0566



18.0149, 19.4014, 23.0453



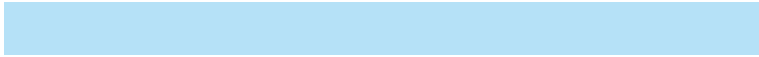
0.0000, 0.0000, 0.0000



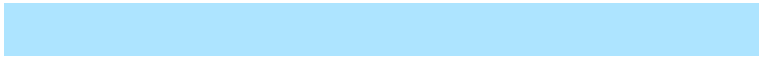
20.3446, 21.4041, 23.3091

Same Dimension

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



62.7719, 70.3924, 98.2755



63.0614, 71.5283, 105.0904



54.9383, 54.7251, 95.6643



16.5043, 17.7728, 21.1032



16.0999, 17.9936, 49.1626



1.5092, 1.7699, 4.3523

Inverse Universe

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



68.4740, 58.2600, 78.8736



70.2366, 56.8913, 80.5346



76.3793, 82.4712, 55.6107



16.9651, 16.6689, 19.5628



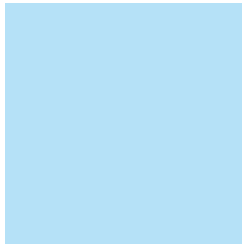
23.9310, 11.9158, 20.1428



2.1509, 1.0663, 2.0208

Previews

White Background



This preview shows how the XYZ color 62.7698, 70.3896, 98.2739 looks on a white background.

Color Contrast Check

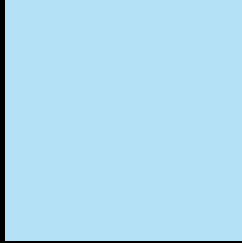
Large Text (above 18pt) WCAG AA × Fail

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 62.7698, 70.3896, 98.2739 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 62.7698, 70.3896, 98.2739

Background



This preview shows how black text looks on a background with the XYZ color 62.7698, 70.3896, 98.2739.

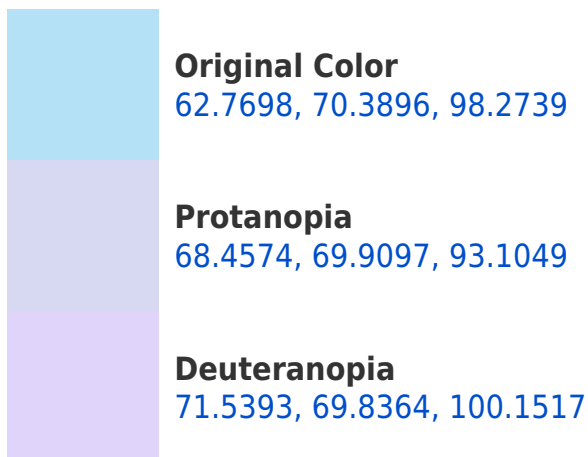


This preview shows how white text looks on a background with the XYZ color 62.7698, 70.3896,

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

62.3479, 70.6277, 95.9344

Trichromacy



Original Color

62.7698, 70.3896, 98.2739

Protanomaly

66.1378, 69.8306, 94.7868

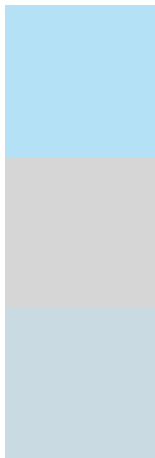
Deuteranomaly

67.9242, 69.8752, 99.5298

Tritanomaly

62.5002, 70.6886, 96.7364

Monochromacy



Original Color

62.7698, 70.3896, 98.2739

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

63.1560, 68.1904, 81.7849

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.7698, 70.3896, 98.2739 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(181, 225, 247)` looks like.

```
.text, #text, p{  
    color:rgb(181, 225, 247)  
}
```

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(181, 225, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 225, 247) }
```

Border

The CSS property to change the border of an element to XYZ 62.7698, 70.3896, 98.2739 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(181, 225, 247) }
```


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

```
.border{ border-color:rgb(181, 225, 247) }
```

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

Here you see how a box with a 4 pixel rgb(181, 225, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 225, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 225, 247);  
box-shadow:4px 4px 4px 4px rgb(181, 225,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 62.7698, 70.3896, 98.2739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 225, 247) }
```

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

```
.background{ background-color: rgb(181,  
225, 247) }
```

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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