

Converting Colors

XYZ(62.2090, 79.0729, 67.9302)

Have a look what the booklet for
XYZ(62.2090, 79.0729, 67.9302)
contains.

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Color

**XYZ(62.0674, 78.7894,
67.8137)**

Conversions

Conversions Part 1

Format	Color
Hex	B5F4CA
RGB	181, 244, 202
RGB Percent	71%, 96%, 79%
CMY	0.2902, 0.0431, 0.2078
CMYK	0.26, 0.00, 0.17, 0.04
HSL	140°, 74%, 83%
HSV	140°, 26%, 96%
XYZ	62.0674, 78.7894, 67.8137
YIQ	220.3750, -24.0660, -26.4180

Conversions

Conversions Part 2

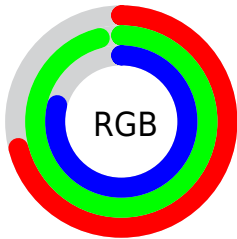
Format	Color
RYB	181, 228, 244
Decimal	11924682
CIELab	91.14, -28.02, 13.92
CIELCh	91, 31.286, 153.573
Yxy	78.7894, 0.2974, 0.3776
Android (android.graphics.Color)	4290114762 (0xFFB5F4CA)
YUV	220.3750, -9.0589, -34.5319
Hunter-Lab	88.7634, -30.5206, 16.8378

Details

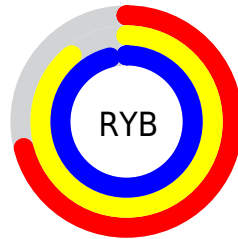
The XYZ color **62.0674, 78.7894, 67.8137** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **67.1541, 57.6104, 77.3958**, and the grayscale version is **68.3646, 71.9249, 78.3262**.

A 20% lighter version of the original color is **89.0699, 96.9171, 108.6201**, and **32.0809, 42.6166, 34.5520** is the 20% darker color. If you saturate the color by 10%, you get **55.0139, 75.3663, 57.9543**, and if you desaturate by 10%, it is **70.3303, 82.8168, 78.7930**.

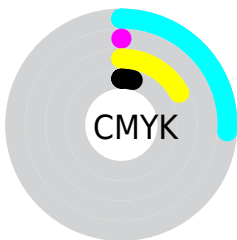
Distribution



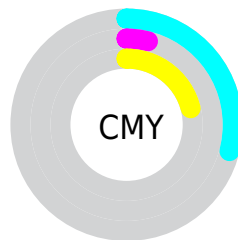
- Red (71%)
- Green (96%)
- Blue (79%)



- Red (71%)
- Yellow (89%)
- Blue (96%)



- Cyan (26%)
- Magenta (0%)
- Yellow (17%)
- Black (4%)





- Cyan (29%)
- Magenta (4%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.0674, 78.7894, 67.8137 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 62.0674, 78.7894, 67.8137 by changing the saturation by 10% instead.


 62.0674, 78.7894,
67.8137

 62.0674, 78.7894,
67.8137


421.8905,
490.8436, 471.4158

 45.3430, 58.7227,
49.2804

 106.9123,
131.6623, 117.7373

 31.9301, 42.3899,
34.4748


135.7635,
165.2373, 149.9647

 21.4634, 29.4067,
22.9783


169.3877,
204.0839, 187.5939

 13.5775, 19.3887,
14.3723

208.1502,
248.5864, 231.0434

 7.9072, 11.9515,
8.2384

252.4164,
299.1292, 280.7319

 4.0869, 6.7107,
4.1579


302.5516,


 1.7514, 3.2818,


356.0967, 337.0777


1.7124


358.9212,
419.8734, 400.4995


 0.4881, 1.2806,
0.3692


 0.0000, 0.1261,
0.0000


 62.0674, 78.7894,
67.8137


 62.0674, 78.7894,
67.8137


 55.0139, 75.3663,
57.9543


 70.3303, 82.8168,
78.7930


 49.1047, 72.5083,
49.1740

 79.8505, 87.4661,
90.9208

 44.2786, 70.1865,
41.4374

 90.6813, 92.7662,
104.2310

 40.4654, 68.3658,
34.7048

 91.6422, 93.1844,
107.7641

■ 37.5865, 67.0064,
28.9343

■ 35.5508, 66.0623,
24.0806

■ 34.2467, 65.4769,
20.0943

■ 33.8499, 65.3034,
18.6708

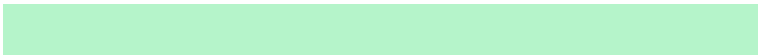
Harmonies

Analogous

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



66.7817, 78.7894, 54.3540



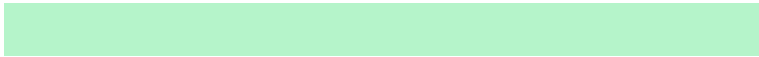
62.0674, 78.7894, 67.8137



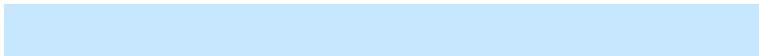
60.7003, 78.7894, 88.5332

Triad

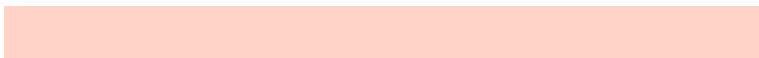
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



62.0674, 78.7894, 67.8137



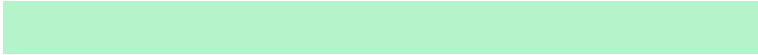
75.8394, 78.7894, 137.0617



88.2976, 78.7894, 63.8707

Complementary

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



62.0674, 78.7894, 67.8137



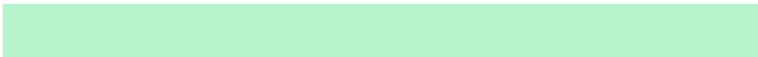
67.1541, 57.6104, 77.3958

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.



91.1279, 78.7894, 83.1006



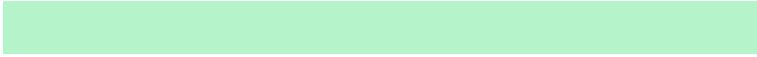
62.0674, 78.7894, 67.8137



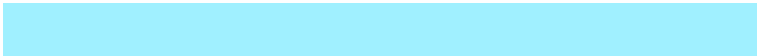
83.6229, 78.7894, 127.4728

Square

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



62.0674, 78.7894, 67.8137



68.3152, 78.7894, 131.0425



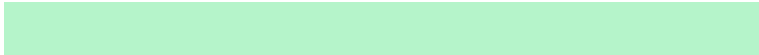
89.3603, 78.7894, 106.6876



81.8673, 78.7894, 52.3748

Rectangle

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



62.0674, 78.7894, 67.8137



61.7851, 78.7894, 104.4276



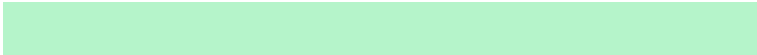
89.3603, 78.7894, 106.6876



89.7213, 78.7894, 69.5104

Sweetspot

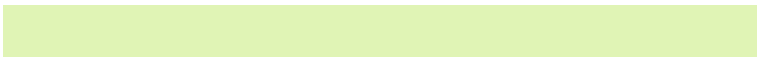
The Sweet Spot groups the original color and five complimentary colors.



62.0695, 78.7927, 67.8155



85.8260, 95.4889, 97.4402



71.4500, 83.8966, 56.1448



18.0213, 20.2680, 20.4150



0.0000, 0.0000, 0.0000



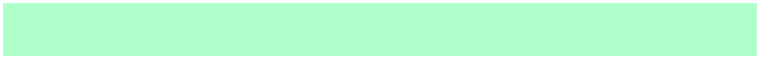
20.3446, 21.4041, 23.3091

Same Dimension

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



62.0695, 78.7927, 67.8155



64.3493, 85.0227, 69.0824



66.0388, 80.3804, 88.7171



16.5100, 18.5631, 18.7041



18.4613, 35.5294, 10.4491



1.6683, 3.1410, 1.1593

Inverse Universe

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



67.1541, 57.6104, 77.3958



70.8497, 57.9287, 81.3207



63.4099, 56.1127, 57.6794



16.9651, 16.6689, 19.5627



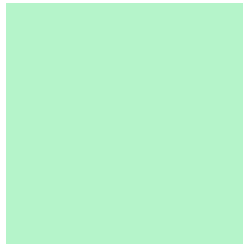
23.9307, 11.9157, 20.1414



2.1508, 1.0663, 2.0207

Previews

White Background



This preview shows how the XYZ color 62.0674, 78.7894, 67.8137 looks on a white background.

Color Contrast Check

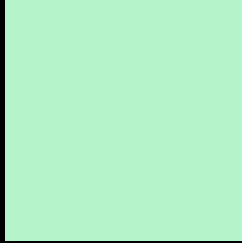
Large Text (above 18pt) WCAG AA × Fail

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 62.0674, 78.7894, 67.8137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

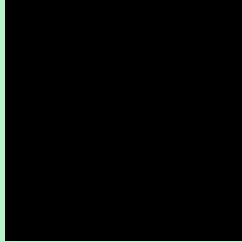
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.0674, 78.7894, 67.8137

Background



This preview shows how black text looks on a background with the XYZ color 62.0674, 78.7894, 67.8137.

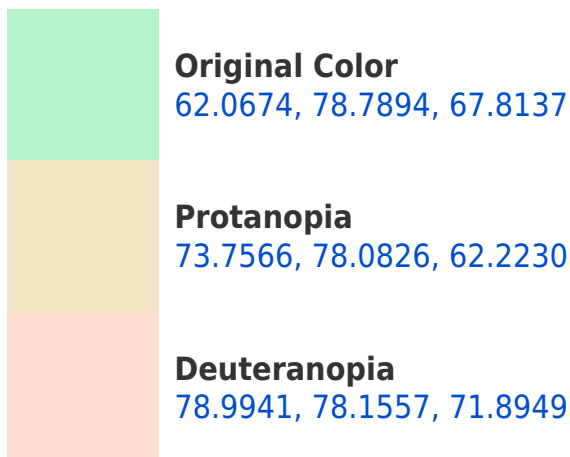


This preview shows how white text looks on a background with the XYZ color 62.0674, 78.7894,

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

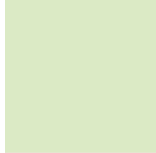
69.7837, 78.4174, 106.0658

Trichromacy



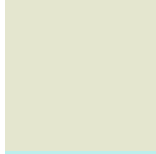
Original Color

62.0674, 78.7894, 67.8137



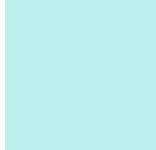
Protanomaly

68.7143, 77.9369, 64.2450



Deuteranomaly

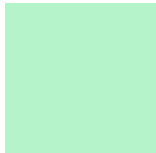
71.5542, 77.5926, 70.2370



Tritanomaly

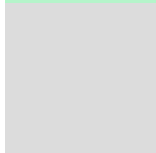
66.7459, 78.4805, 90.9873

Monochromacy



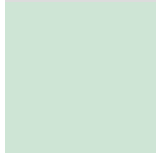
Original Color

62.0674, 78.7894, 67.8137



Achromatopsia

68.0267, 71.5694, 77.9390



Achromatomaly

65.4832, 73.9645, 73.7760

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.0674, 78.7894, 67.8137 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, 244, 202)` looks like.

```
.text, #text, p{  
    color:rgb(181, 244, 202)  
}
```

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, 244, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 244, 202) }
```

Border

The CSS property to change the border of an element to XYZ 62.0674, 78.7894, 67.8137 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, 244, 202) }
```


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

```
.border{ border-color:rgb(181, 244, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 244, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 244, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 244, 202);  
box-shadow:4px 4px 4px 4px rgb(181, 244,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 62.0674, 78.7894, 67.8137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 244, 202) }
```

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

```
.background{ background-color: rgb(181,  
244, 202) }
```

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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