

Converting Colors

XYZ(61.8164, 77.9670, 69.4701)

Have a look what the booklet for
XYZ(61.8164, 77.9670, 69.4701)
contains.

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Color

**XYZ(61.8924, 78.2123,
69.5920)**

Conversions

Conversions Part 1

Format	Color
Hex	B4F3CD
RGB	180, 243, 205
RGB Percent	71%, 95%, 80%
CMY	0.2941, 0.0470, 0.1961
CMYK	0.26, 0.00, 0.16, 0.05
HSL	144°, 72%, 83%
HSV	144°, 26%, 95%
XYZ	61.8924, 78.2123, 69.5920
YIQ	219.8310, -25.3500, -25.1740

Conversions

Conversions Part 2

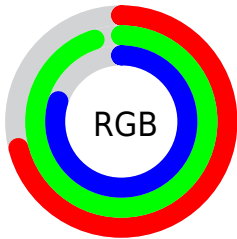
Format	Color
RYB	180, 225, 243
Decimal	11858893
CIELab	90.88, -27.29, 11.99
CIELCh	91, 29.813, 156.281
Yxy	78.2123, 0.2952, 0.3730
Android (android.graphics.Color)	4290048973 (0xFFB4F3CD)
YUV	219.8310, -7.3117, -34.9318
Hunter-Lab	88.4377, -29.8443, 15.2509

Details

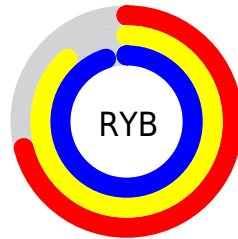
The XYZ color **61.8924, 78.2123, 69.5920** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **65.9410, 56.7609, 73.8134**, and the grayscale version is **67.9734, 71.5133, 77.8780**.

A 20% lighter version of the original color is **88.7351, 96.7445, 108.6045**, and **31.9604, 42.2106, 35.7411** is the 20% darker color. If you saturate the color by 10%, you get **55.0365, 74.8751, 60.4642**, and if you desaturate by 10%, it is **69.9101, 82.1336, 79.6428**.

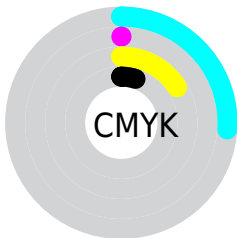
Distribution



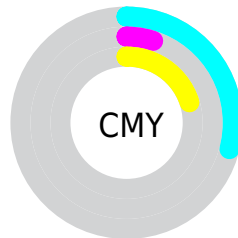
- Red (71%)
- Green (95%)
- Blue (80%)



- Red (71%)
- Yellow (88%)
- Blue (95%)



- Cyan (26%)
- Magenta (0%)
- Yellow (16%)
- Black (5%)



- Cyan (29%)
- Magenta (5%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.8924, 78.2123, 69.5920 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 61.8924, 78.2123, 69.5920 by changing the saturation by 10% instead.

61.8924, 78.2123,
69.5920

61.8924, 78.2123,
69.5920

421.2623,
488.8875, 477.8665

45.2010, 58.2484,
50.7192

106.6608,
130.8494, 120.3024

31.8178, 42.0084,
35.6100

135.4686,
164.2913, 152.9771

21.3772, 29.1078,
23.8459

169.0459,
202.9947, 191.0895

13.5140, 19.1624,
15.0082

207.7580,
247.3440, 235.0582

7.8629, 11.7877,
8.6784

251.9704,
297.7235, 285.3017

4.0584, 6.5993,
4.4381


302.0483,


1.7352, 3.2128,


354.5177, 342.2386


1.8686


358.3572,
418.1109, 406.2873


 0.4782, 1.2438,
0.4727


 0.0000, 0.0971,
0.0000


 61.8924, 78.2123,
69.5920


 61.8924, 78.2123,
69.5920


 55.0365, 74.8751,
60.4642


 69.9101, 82.1336,
79.6428


 49.2798, 72.0837,
52.2279

 79.1355, 86.6557,
90.6367

 44.5631, 69.8104,
44.8574

 89.6199, 91.8067,
102.5994

 40.8189, 68.0210,
38.3235

 91.3421, 92.5842,
107.6640

■ 37.9714, 66.6769,
32.5955

■ 35.9325, 65.7333,
27.6405

■ 34.5940, 65.1353,
23.4229

■ 34.1831, 64.9566,
21.9058

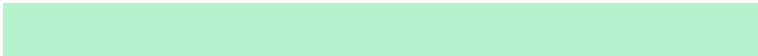
Harmonies

Analogous

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



66.1209, 78.2123, 55.9965



61.8924, 78.2123, 69.5920



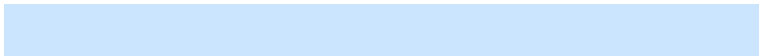
60.8955, 78.2123, 89.7627

Triad

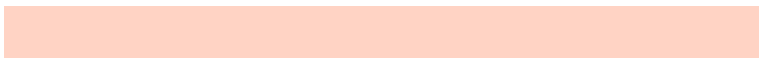
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



61.8924, 78.2123, 69.5920



75.9287, 78.2123, 133.2071



86.5904, 78.2123, 62.9676

Complementary

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



61.8924, 78.2123, 69.5920



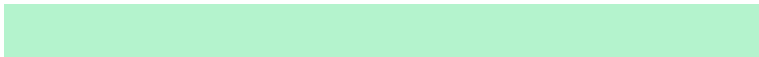
65.9410, 56.7609, 73.8134

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.



89.6270, 78.2123, 80.7172



61.8924, 78.2123, 69.5920



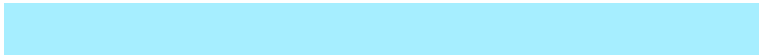
83.2101, 78.2123, 123.0146

Square

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



61.8924, 78.2123, 69.5920



68.6828, 78.2123, 128.8844



88.3503, 78.2123, 102.8919



80.2964, 78.2123, 52.6461

Rectangle

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



61.8924, 78.2123, 69.5920



62.1341, 78.2123, 104.8039



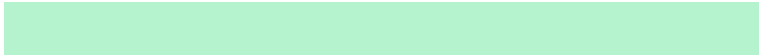
88.3503, 78.2123, 102.8919



88.0446, 78.2123, 68.1380

Sweetspot

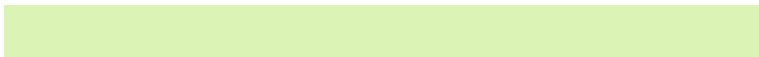
The Sweet Spot groups the original color and five complimentary colors.



61.8945, 78.2156, 69.5937



86.0206, 95.5668, 98.4651



69.4599, 82.4369, 55.4319



18.0701, 20.2876, 20.6722



0.0000, 0.0000, 0.0000



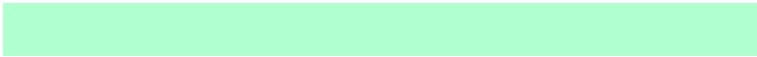
20.3446, 21.4041, 23.3091

Same Dimension

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



61.8945, 78.2156, 69.5937



64.9546, 85.2648, 72.2697



65.9650, 79.8438, 91.0287



16.5546, 18.5810, 18.9387



18.8220, 35.6737, 12.3486



1.7034, 3.1550, 1.3442

Inverse Universe

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



65.9410, 56.7609, 73.8134



70.1602, 57.6529, 77.6901



62.2928, 55.3017, 54.6026



16.9189, 16.6504, 19.3196



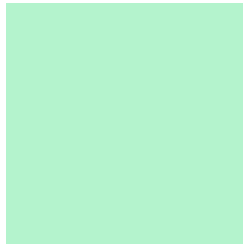
23.2266, 11.6341, 16.4337



2.0920, 1.0427, 1.7106

Previews

White Background



This preview shows how the XYZ color 61.8924, 78.2123, 69.5920 looks on a white background.

Color Contrast Check

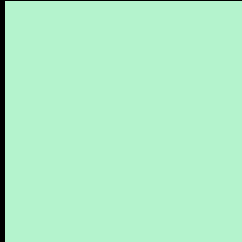
Large Text (above 18pt) WCAG AA × Fail

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 61.8924, 78.2123, 69.5920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

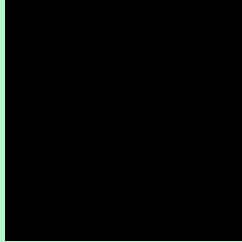
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.8924, 78.2123, 69.5920

Background



This preview shows how black text looks on a background with the XYZ color 61.8924, 78.2123, 69.5920.



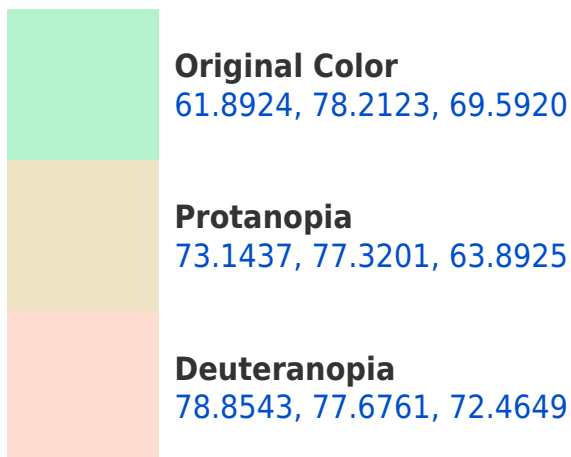
This preview shows how white text looks on a background with the XYZ color 61.8924, 78.2123,

69.5920.

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

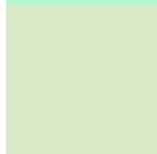
69.2807, 78.1581, 106.0423

Trichromacy



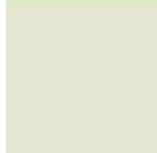
Original Color

61.8924, 78.2123, 69.5920



Protanomaly

68.4777, 77.3534, 65.9651



Deuteranomaly

71.5228, 77.1361, 71.4407



Tritanomaly

66.4023, 78.2865, 91.7318

Monochromacy



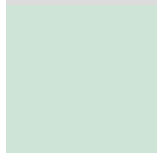
Original Color

61.8924, 78.2123, 69.5920



Achromatopsia

68.0267, 71.5694, 77.9390



Achromatomaly

65.1860, 73.3722, 75.0166

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.8924, 78.2123, 69.5920 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(180, 243, 205)` looks like.

```
.text, #text, p{  
    color:rgb(180, 243, 205)  
}
```

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(180, 243, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 243, 205) }
```

Border

The CSS property to change the border of an element to XYZ 61.8924, 78.2123, 69.5920 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(180, 243, 205) }
```


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

```
.border{ border-color:rgb(180, 243, 205) }
```

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

Here you see how a box with a 4 pixel rgb(180, 243, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 243, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 243, 205);  
box-shadow:4px 4px 4px 4px rgb(180, 243,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 61.8924, 78.2123, 69.5920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 243, 205) }
```

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

```
.background{ background-color: rgb(180,  
243, 205) }
```

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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