

Converting Colors

XYZ(61.1742, 79.0802, 64.8305)

Have a look what the booklet for
XYZ(61.1742, 79.0802, 64.8305)
contains.

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Color

**XYZ(61.3939, 79.4077,
64.9147)**

Conversions

Conversions Part 1

Format	Color
Hex	B2F6C5
RGB	178, 246, 197
RGB Percent	70%, 96%, 77%
CMY	0.3020, 0.0353, 0.2274
CMYK	0.28, 0.00, 0.20, 0.04
HSL	137°, 79%, 83%
HSV	137°, 28%, 96%
XYZ	61.3939, 79.4077, 64.9147
YIQ	220.0820, -24.7990, -29.6550

Conversions

Conversions Part 2

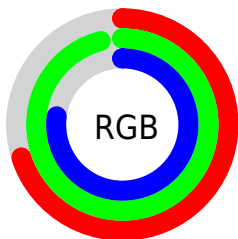
Format	Color
RYB	178, 231, 246
Decimal	11728581
CIELab	91.42, -30.80, 16.88
CIELCh	91, 35.117, 151.278
Yxy	79.4077, 0.2984, 0.3860
Android (android.graphics.Color)	4289918661 (0xFFB2F6C5)
YUV	220.0820, -11.3794, -36.9059
Hunter-Lab	89.1110, -32.9649, 19.1867

Details

The XYZ color **61.3939, 79.4077, 64.9147** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **67.7943, 56.9815, 80.1018**, and the grayscale version is **68.1758, 71.7263, 78.1099**.

A 20% lighter version of the original color is **87.9103, 96.3379, 107.7276**, and **31.4677, 42.6634, 32.5629** is the 20% darker color. If you saturate the color by 10%, you get **54.3345, 75.9918, 54.5979**, and if you desaturate by 10%, it is **69.7086, 83.4476, 76.5406**.

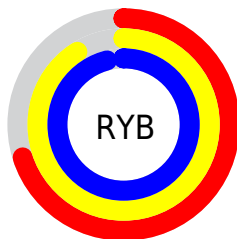
Distribution



Red (70%)

Green (96%)

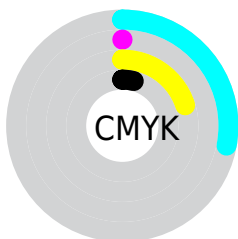
Blue (77%)



Red (70%)

Yellow (91%)

Blue (96%)

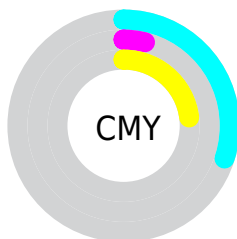


Cyan (28%)

Magenta (0%)

Yellow (20%)

Black (4%)



Cyan (30%)

Magenta (4%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.3939, 79.4077, 64.9147 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 61.3939, 79.4077, 64.9147 by changing the saturation by 10% instead.

61.3939, 79.4077,
64.9147

61.3939, 79.4077,
64.9147

419.4697,
492.9345, 460.7832

44.7969, 59.2311,
46.9410

105.9440,
132.5327, 113.5393

31.4981, 42.7992,
32.6350

134.6277,
166.2498, 145.0273

21.1321, 29.7276,
21.5782

168.0711,
205.2492, 181.8572

13.3336, 19.6319,
13.3519

206.6394,
249.9153, 224.4474

7.7372, 12.1278,
7.5378

250.6981,
300.6325, 273.2166

3.9777, 6.8307,
3.7171

300.6124,

1.6895, 3.3565,

357.7852, 328.5833

1.4715

356.7479,
421.7577, 390.9660

■ 0.4497, 1.3205,
0.1965

■ 0.0000, 0.1570,
0.0000

■ 61.3939, 79.4077,
64.9147

■ 61.3939, 79.4077,
64.9147

■ 54.3345, 75.9918,
54.5979

■ 69.7086, 83.4476,
76.5406

■ 48.4617, 73.1587,
45.5389

■ 79.3302, 88.1306,
89.5138

■ 43.7098, 70.8777,
37.6908

■ 90.3150, 93.4869,
103.8778

■ 40.0038, 69.1114,
31.0018

■ 92.2473, 94.3945,
107.9658

■ 37.2591, 67.8173,
25.4162

■ 35.3772, 66.9457,
20.8735

■ 34.2295, 66.4318,
17.3067

■ 34.0232, 66.3409,
16.5990

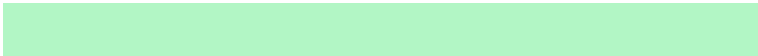
Harmonies

Analogous

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



66.9049, 79.4077, 50.8711



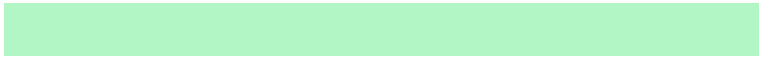
61.3939, 79.4077, 64.9147



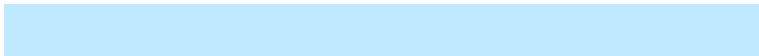
59.5747, 79.4077, 87.5633

Triad

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



61.3939, 79.4077, 64.9147



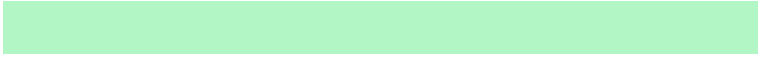
75.8584, 79.4077, 145.5418



91.1237, 79.4077, 63.3575

Complementary

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



61.3939, 79.4077, 64.9147



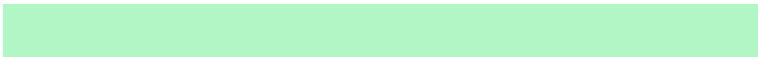
67.7943, 56.9815, 80.1018

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.



93.9783, 79.4077, 85.3689



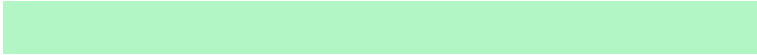
61.3939, 79.4077, 64.9147



84.7466, 79.4077, 135.6754

Square

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



61.3939, 79.4077, 64.9147



67.5191, 79.4077, 137.1625



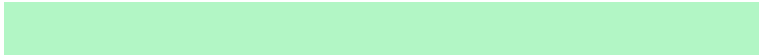
91.5588, 79.4077, 112.3155



84.0317, 79.4077, 50.1046

Rectangle

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



61.3939, 79.4077, 64.9147



60.5765, 79.4077, 105.5661



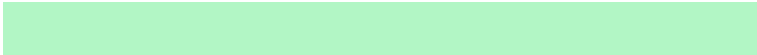
91.5588, 79.4077, 112.3155



92.6347, 79.4077, 69.8132

Sweetspot

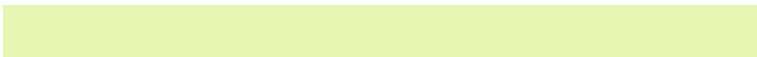
The Sweet Spot groups the original color and five complimentary colors.



61.3960, 79.4110, 64.9165



85.6618, 95.4233, 96.5755



72.9472, 85.6018, 54.7985



17.9801, 20.2516, 20.1983



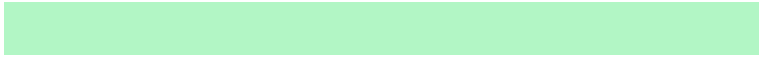
0.0000, 0.0000, 0.0000



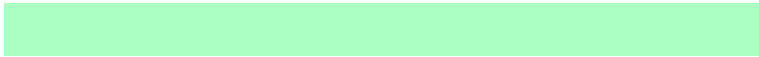
20.3446, 21.4041, 23.3091

Same Dimension

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



61.3960, 79.4110, 64.9165



62.3002, 84.0724, 64.1962



65.6200, 81.1006, 87.1596



16.4725, 18.5481, 18.5065



18.2106, 35.4291, 9.1288



1.6425, 3.1306, 1.0232

Inverse Universe

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



67.7943, 56.9815, 80.1018



70.2675, 56.1263, 83.0934



63.6514, 55.3244, 58.2858



17.0046, 16.6847, 19.7707



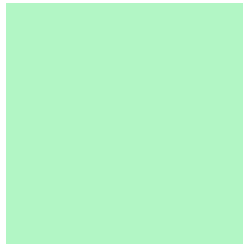
24.5990, 12.1830, 23.6603



2.2056, 1.0882, 2.3090

Previews

White Background



This preview shows how the XYZ color 61.3939, 79.4077, 64.9147 looks on a white background.

Color Contrast Check

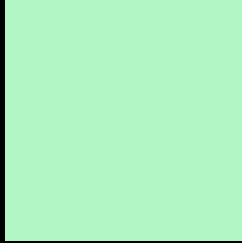
Large Text (above 18pt) WCAG AA × Fail

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 61.3939, 79.4077, 64.9147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

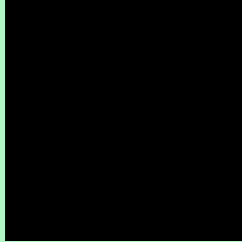
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.3939, 79.4077, 64.9147

Background



This preview shows how black text looks on a background with the XYZ color 61.3939, 79.4077, 64.9147.

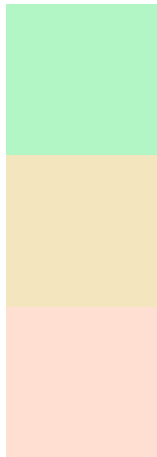


This preview shows how white text looks on a background with the XYZ color 61.3939, 79.4077,

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

61.3939, 79.4077, 64.9147

Protanopia

74.1668, 78.7674, 59.4387

Deuteranopia

79.1363, 78.6388, 71.3295



Tritanopia

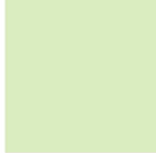
70.3265, 79.1258, 106.1740

Trichromacy



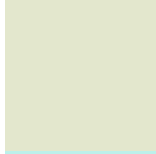
Original Color

61.3939, 79.4077, 64.9147



Protanomaly

68.4362, 78.2825, 61.3722



Deuteranomaly

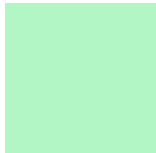
71.2739, 77.8905, 69.0354



Tritanomaly

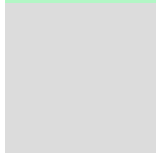
66.7504, 78.9521, 89.5631

Monochromacy



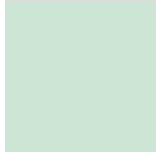
Original Color

61.3939, 79.4077, 64.9147



Achromatopsia

68.0267, 71.5694, 77.9390



Achromatomaly

65.0798, 73.7712, 73.0966

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3939, 79.4077, 64.9147 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(178, 246, 197)` looks like.

```
.text, #text, p{  
    color:rgb(178, 246, 197)  
}
```

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(178, 246, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 246, 197) }
```

Border

The CSS property to change the border of an element to XYZ 61.3939, 79.4077, 64.9147 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(178, 246, 197) }
```


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

```
.border{ border-color:rgb(178, 246, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 246, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 246, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 246, 197);  
box-shadow:4px 4px 4px 4px rgb(178, 246,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3939, 79.4077, 64.9147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 246, 197) }
```

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

```
.background{ background-color: rgb(178,  
246, 197) }
```

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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