

Converting Colors

XYZ(61.8362, 81.2782, 52.0406)

Have a look what the booklet for
XYZ(61.8362, 81.2782, 52.0406)
contains.

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Color

**XYZ(61.9120, 81.3333,
51.9710)**

Conversions

Conversions Part 1

Format	Color
Hex	BBF9AD
RGB	187, 249, 173
RGB Percent	73%, 98%, 68%
CMY	0.2667, 0.0235, 0.3216
CMYK	0.25, 0.00, 0.31, 0.02
HSL	109°, 86%, 83%
HSV	109°, 31%, 98%
XYZ	61.9120, 81.3333, 51.9710
YIQ	221.7980, -12.5560, -36.7800

Conversions

Conversions Part 2

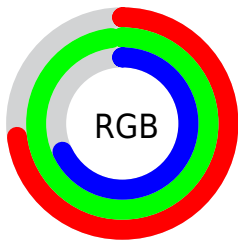
Format	Color
RYB	173, 249, 235
Decimal	12319149
CIELab	92.28, -33.30, 30.39
CIELCh	92, 45.079, 137.615
Yxy	81.3333, 0.3171, 0.4166
Android (android.graphics.Color)	4290509229 (0xFFBBF9AD)
YUV	221.7980, -24.0574, -30.5178
Hunter-Lab	90.1850, -35.2834, 28.9624

Details

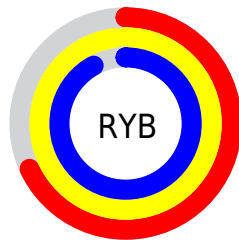
The XYZ color **61.9120, 81.3333, 51.9710** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **66.3071, 54.3914, 96.6307**, and the grayscale version is **69.4611, 73.0785, 79.5825**.

A 20% lighter version of the original color is **87.2111, 96.4102, 88.1413**, and **31.7555, 43.9609, 24.5809** is the 20% darker color. If you saturate the color by 10%, you get **55.1009, 78.0774, 40.2256**, and if you desaturate by 10%, it is **69.8794, 85.1382, 66.1177**.

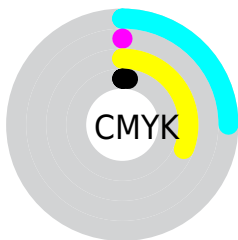
Distribution



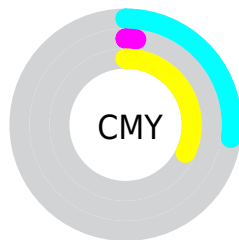
- Red (73%)
- Green (98%)
- Blue (68%)



- Red (68%)
- Yellow (98%)
- Blue (92%)



- Cyan (25%)
- Magenta (0%)
- Yellow (31%)
- Black (2%)



- Cyan (27%)
- Magenta (2%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.9120, 81.3333, 51.9710 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 61.9120, 81.3333, 51.9710 by changing the saturation by 10% instead.

61.9120, 81.3333,
51.9710

61.9120, 81.3333,
51.9710

421.3327,
499.4149, 411.2784

45.2169, 60.8161,
36.5999

106.6890,
135.2387, 94.5146

31.8303, 44.0768,
24.6045

135.5016,
169.3957, 122.5242

21.3869, 30.7309,
15.5663

169.0841,
208.8681, 155.5837

13.5211, 20.3940,
9.0668

207.8019,
254.0402, 194.1116

7.8678, 12.6818,
4.6873

252.0203,
305.2966, 238.5265

4.0616, 7.2098,
2.0095


302.1047,


1.7370, 3.5936,


363.0216, 289.2469


0.5611


358.4203,
427.5995, 346.6913


 0.4793, 1.4490,
0.0000


 0.0000, 0.2524,
0.0000


 61.9120, 81.3333,
51.9710


 61.9120, 81.3333,
51.9710


 55.1009, 78.0774,
40.2256


 69.8794, 85.1382,
66.1177


 49.3854, 75.3349,
30.7433

 79.0476, 89.5052,
82.7833

 44.7089, 73.0822,
23.3798

 89.4662, 94.4598,
102.0836

 41.0067, 71.2895,
17.9721

 93.1673, 96.2347,
108.2724

■ 38.2066, 69.9236,
14.3336

■ 36.2256, 68.9467,
12.2412

■ 34.9978, 68.3323,
11.3449

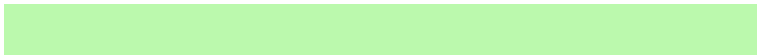
Harmonies

Analogous

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



70.7223, 81.3333, 40.4075



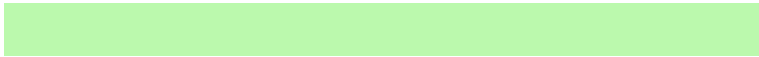
61.9120, 81.3333, 51.9710



57.4256, 81.3333, 75.4999

Triad

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



61.9120, 81.3333, 51.9710



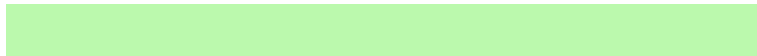
72.5996, 81.3333, 167.1553



100.6797, 81.3333, 70.5285

Complementary

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



61.9120, 81.3333, 51.9710



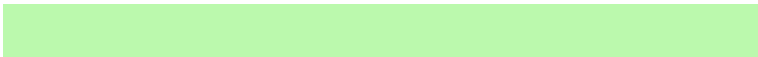
66.3071, 54.3914, 96.6307

Split Complementary

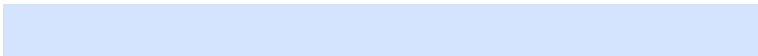
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



101.3120, 81.3333, 103.0414



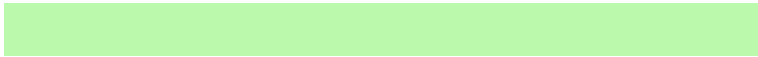
61.9120, 81.3333, 51.9710



84.2836, 81.3333, 164.8515

Square

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



61.9120, 81.3333, 51.9710



63.1670, 81.3333, 144.8958



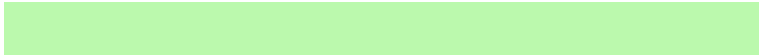
95.0584, 81.3333, 139.2231



93.4089, 81.3333, 49.1228

Rectangle

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



61.9120, 81.3333, 51.9710



57.1605, 81.3333, 97.3346



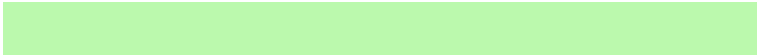
95.0584, 81.3333, 139.2231



101.7001, 81.3333, 80.3258

Sweetspot

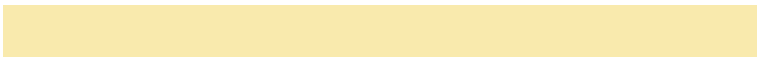
The Sweet Spot groups the original color and five complimentary colors.



61.9141, 81.3368, 51.9728



85.0167, 95.2293, 90.2814



75.9792, 81.8925, 51.3387



17.8718, 20.2282, 18.7258



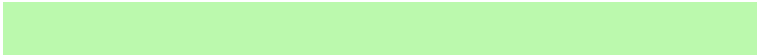
0.0000, 0.0000, 0.0000



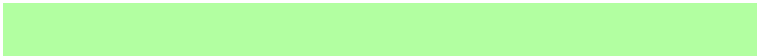
20.3446, 21.4041, 23.3091

Same Dimension

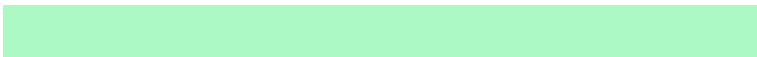
The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.9141, 81.3368, 51.9728



60.5286, 83.5491, 46.4930



61.0529, 80.6158, 64.4498



17.3156, 19.4629, 18.3065



18.8180, 36.6193, 6.0764



1.8211, 3.4319, 0.5664

Inverse Universe

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



66.3071, 54.3914, 96.6307



65.8671, 50.6995, 100.9221



67.7684, 55.5310, 79.2455



17.6612, 17.3535, 21.8040



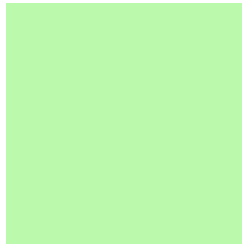
22.4688, 10.5258, 48.8210



2.1596, 1.0154, 4.5253

Previews

White Background



This preview shows how the XYZ color 61.9120, 81.3333, 51.9710 looks on a white background.

Color Contrast Check

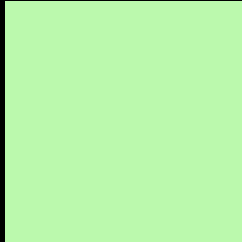
Large Text (above 18pt) WCAG AA × Fail

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 61.9120, 81.3333, 51.9710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

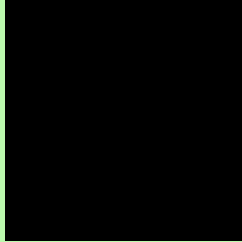
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.9120, 81.3333, 51.9710

Background



This preview shows how black text looks on a background with the XYZ color 61.9120, 81.3333, 51.9710.



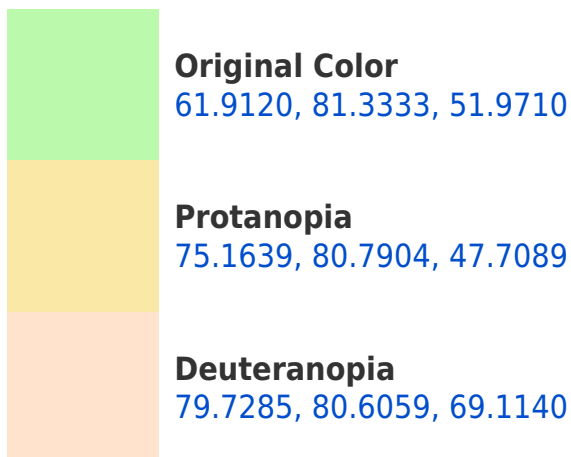
This preview shows how white text looks on a background with the XYZ color 61.9120, 81.3333,

51.9710.

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

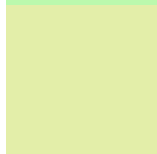
73.5264, 81.2064, 106.4069

Trichromacy



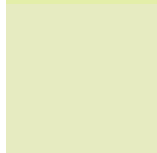
Original Color

61.9120, 81.3333, 51.9710



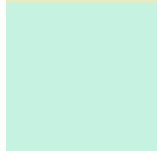
Protanomaly

69.4145, 80.3445, 49.3856



Deuteranomaly

71.9671, 80.0899, 62.1179



Tritanomaly

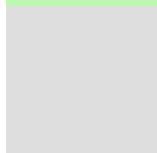
68.6314, 80.9463, 83.2411

Monochromacy



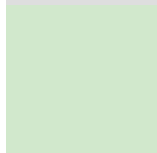
Original Color

61.9120, 81.3333, 51.9710



Achromatopsia

69.4303, 73.0461, 79.5472



Achromatomaly

66.0502, 75.6282, 68.2432

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9120, 81.3333, 51.9710 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(187, 249, 173)` looks like.

```
.text, #text, p{  
    color:rgb(187, 249, 173)  
}
```

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(187, 249, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 249, 173) }
```

Border

The CSS property to change the border of an element to XYZ 61.9120, 81.3333, 51.9710 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(187, 249, 173) }
```


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

```
.border{ border-color:rgb(187, 249, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 249, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 249, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 249, 173);  
box-shadow:4px 4px 4px 4px rgb(187, 249,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9120, 81.3333, 51.9710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 249, 173) }
```

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

```
.background{ background-color: rgb(187,  
249, 173) }
```

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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