

Converting Colors

XYZ(59.7121, 78.6563, 59.6120)

Have a look what the booklet for
XYZ(59.7121, 78.6563, 59.6120)
contains.

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Color

**XYZ(59.7121, 78.6563,
59.6120)**

Conversions

Conversions Part 1

Format	Color
Hex	AFF6BC
RGB	175, 246, 188
RGB Percent	69%, 96%, 74%
CMY	0.3137, 0.0353, 0.2627
CMYK	0.29, 0.00, 0.24, 0.04
HSL	131°, 80%, 83%
HSV	131°, 29%, 96%
XYZ	59.7121, 78.6563, 59.6120
YIQ	218.1590, -23.6980, -33.0900

Conversions

Conversions Part 2

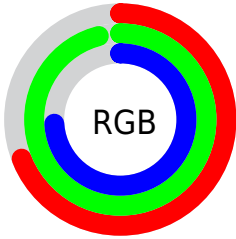
Format	Color
RYB	175, 235, 246
Decimal	11531964
CIELab	91.08, -33.31, 21.00
CIELCh	91, 39.383, 147.770
Yxy	78.6563, 0.3016, 0.3973
Android (android.graphics.Color)	4289722044 (0xFFAFF6BC)
YUV	218.1590, -14.8684, -37.8504
Hunter-Lab	88.6884, -35.0242, 22.2300

Details

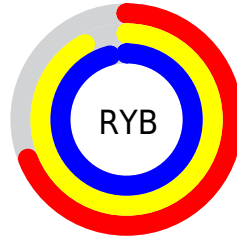
The XYZ color **59.7121, 78.6563, 59.6120** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **68.0467, 56.1378, 84.3434**, and the grayscale version is **66.8630, 70.3451, 76.6058**.

A 20% lighter version of the original color is **85.3678, 95.2075, 99.4655**, and **30.3165, 42.1375, 29.4572** is the 20% darker color. If you saturate the color by 10%, you get **52.6680, 75.2603, 48.7507**, and if you desaturate by 10%, it is **68.0679, 82.6981, 72.1128**.

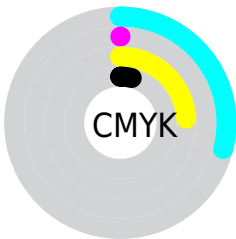
Distribution



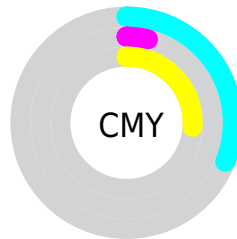
- Red (69%)
- Green (96%)
- Blue (74%)



- Red (69%)
- Yellow (92%)
- Blue (96%)



- Cyan (29%)
- Magenta (0%)
- Yellow (24%)
- Black (4%)





- Cyan (31%)
- Magenta (4%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.7121, 78.6563, 59.6120 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 59.7121, 78.6563, 59.6120 by changing the saturation by 10% instead.


 59.7121, 78.6563,
59.6120

 59.7121, 78.6563,
59.6120


413.3875,
490.3928, 440.9310

 43.4352, 58.6133,
42.6827


 103.5206,
131.4749, 105.8045

 30.4227, 42.3019,
29.3067


131.7830,
165.0192, 135.9047

 20.3093, 29.3377,
19.0654


164.7712,
203.8328, 171.2324

 12.7297, 19.3365,
11.5402

202.8506,
248.3000, 212.2061

 7.3184, 11.9137,
6.3127

246.3866,
298.8052, 259.2442

 3.7101, 6.6849,
2.9643


295.7445,


 1.5395, 3.2658,


355.7328, 312.7654


1.0764


351.2897,
419.4672, 373.1881


 0.3525, 1.2720,
0.0000


 0.0000, 0.1194,
0.0000

 59.7121, 78.6563,
59.6120


 59.7121, 78.6563,
59.6120


 52.6680, 75.2603,
48.7507


 68.0679, 82.6981,
72.1128


 46.8623, 72.4671,
39.4557

 77.7912, 87.4065,
86.3116

 42.2240, 70.2438,
31.6563

 88.9425, 92.8135,
102.2707

 38.6721, 68.5503,
25.2741

 92.2472, 94.3945,
107.9657

■ 36.1151, 67.3412,
20.2235

■ 34.4458, 66.5634,
16.4098

■ 33.5120, 66.1405,
13.7243

■ 33.4317, 66.1043,
13.4843

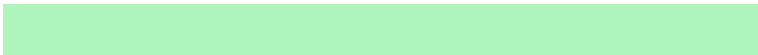
Harmonies

Analogous

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



66.1937, 78.6563, 45.7249



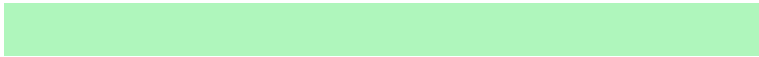
59.7121, 78.6563, 59.6120



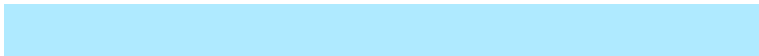
57.2215, 78.6563, 83.5281

Triad

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



59.7121, 78.6563, 59.6120



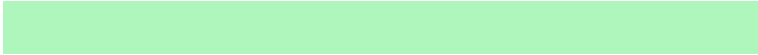
74.0182, 78.6563, 152.9143



93.0046, 78.6563, 62.5609

Complementary

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



59.7121, 78.6563, 59.6120



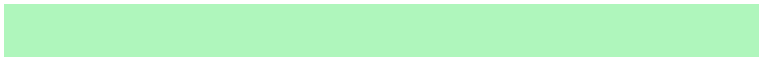
68.0467, 56.1378, 84.3434

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.



95.5605, 78.6563, 87.7940



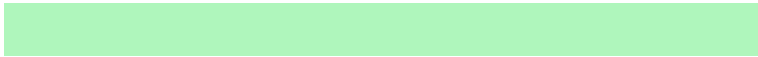
59.7121, 78.6563, 59.6120



84.0362, 78.6563, 143.8694

Square

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



59.7121, 78.6563, 59.6120



65.0113, 78.6563, 140.8763



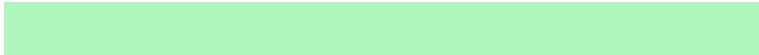
92.1458, 78.6563, 118.3258



85.4385, 78.6563, 47.1431

Rectangle

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



59.7121, 78.6563, 59.6120



57.9766, 78.6563, 103.4832



92.1458, 78.6563, 118.3258



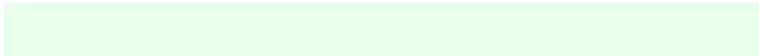
94.5061, 78.6563, 69.9815

Sweetspot

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



59.7142, 78.6596, 59.6138



84.2319, 94.7550, 93.3991



74.6832, 86.5311, 53.3243



17.6803, 20.1125, 19.4863



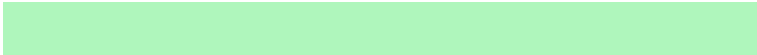
0.0000, 0.0000, 0.0000



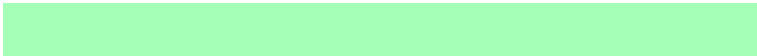
20.3446, 21.4041, 23.3091

Same Dimension

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



59.7142, 78.6596, 59.6138



59.8865, 82.9812, 57.1661



63.8669, 80.3207, 81.4817



16.4061, 18.5216, 18.1569



17.8805, 35.2970, 7.3903



1.6049, 3.1156, 0.8255

Inverse Universe

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



68.0467, 56.1378, 84.3434



70.3604, 54.6535, 88.2380



63.6085, 54.3625, 60.9723



17.0758, 16.7132, 20.1459



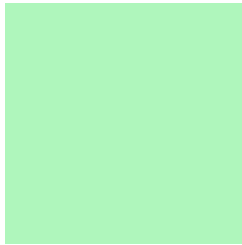
25.9591, 12.7271, 30.8227



2.3146, 1.1318, 2.8832

Previews

White Background



This preview shows how the XYZ color 59.7121, 78.6563, 59.6120 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 59.7121, 78.6563, 59.6120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

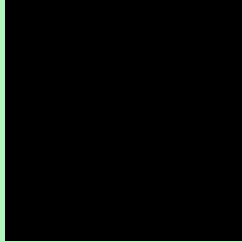
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

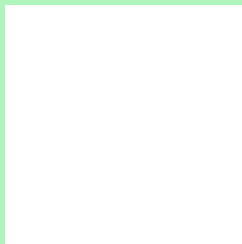
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.7121, 78.6563, 59.6120

Background



This preview shows how black text looks on a background with the XYZ color 59.7121, 78.6563, 59.6120.



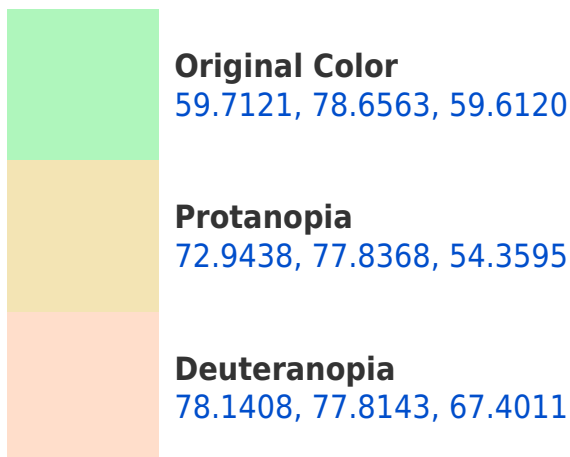
This preview shows how white text looks on a background with the XYZ color 59.7121, 78.6563,

59.6120.

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

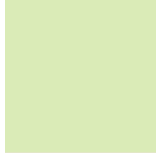
69.3205, 78.6072, 106.1269

Trichromacy



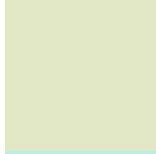
Original Color

59.7121, 78.6563, 59.6120



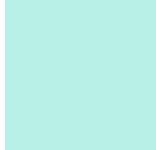
Protanomaly

67.1690, 77.7410, 56.2651



Deuteranomaly

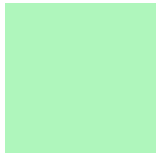
70.1330, 77.3978, 64.6689



Tritanomaly

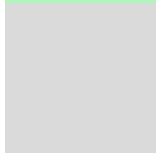
65.3511, 78.2800, 87.2665

Monochromacy



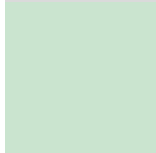
Original Color

59.7121, 78.6563, 59.6120



Achromatopsia

66.6397, 70.1102, 76.3500



Achromatomaly

63.3630, 72.5484, 69.6951

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.7121, 78.6563, 59.6120 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(175, 246, 188)` looks like.

```
.text, #text, p{  
    color:rgb(175, 246, 188)  
}
```

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(175, 246, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 246, 188) }
```

Border

The CSS property to change the border of an element to XYZ 59.7121, 78.6563, 59.6120 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(175, 246, 188) }
```


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

```
.border{ border-color:rgb(175, 246, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 246, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 246, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 246, 188); box-shadow:4px 4px 4px 4px rgb(175, 246, 188) }
```

Background

The CSS property to change the background color of an element to XYZ 59.7121, 78.6563, 59.6120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 246, 188) }
```

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

```
.background{ background-color: rgb(175,  
246, 188) }
```

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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