

Converting Colors

XYZ(59.5883, 77.2115, 61.0561)

Have a look what the booklet for
XYZ(59.5883, 77.2115, 61.0561)
contains.

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Color

**XYZ(59.5860, 77.2099,
61.0527)**

Conversions

Conversions Part 1

Format	Color
Hex	B1F3BF
RGB	177, 243, 191
RGB Percent	69%, 95%, 75%
CMY	0.3059, 0.0470, 0.2510
CMYK	0.27, 0.00, 0.21, 0.05
HSL	133°, 73%, 82%
HSV	133°, 27%, 95%
XYZ	59.5860, 77.2099, 61.0527
YIQ	217.3380, -22.6440, -30.1640

Conversions

Conversions Part 2

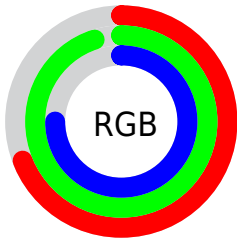
Format	Color
RYB	177, 231, 243
Decimal	11662271
CIELab	90.42, -30.77, 18.56
CIElCh	90, 35.933, 148.905
Yxy	77.2099, 0.3012, 0.3902
Android (android.graphics.Color)	4289852351 (0xFFB1F3BF)
YUV	217.3380, -12.9846, -35.3764
Hunter-Lab	87.8692, -32.7263, 20.3129

Details

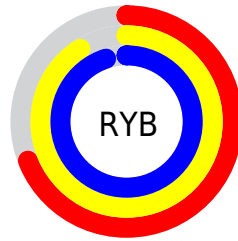
The XYZ color **59.5860, 77.2099, 61.0527** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **66.8297, 56.1578, 81.4491**, and the grayscale version is **66.2843, 69.7363, 75.9428**.

A 20% lighter version of the original color is **86.4802, 95.7278, 101.9150**, and **30.4541, 41.5577, 30.0833** is the 20% darker color. If you saturate the color by 10%, you get **52.5652, 73.8205, 50.4357**, and if you desaturate by 10%, it is **67.8720, 81.2241, 73.1700**.

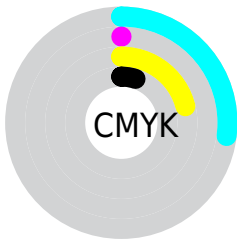
Distribution



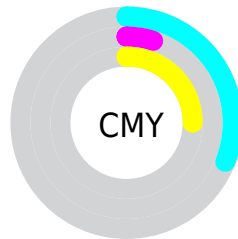
- Red (69%)
- Green (95%)
- Blue (75%)



- Red (69%)
- Yellow (91%)
- Blue (95%)



- Cyan (27%)
- Magenta (0%)
- Yellow (21%)
- Black (5%)





- Cyan (31%)
- Magenta (5%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.5860, 77.2099, 61.0527 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 59.5860, 77.2099, 61.0527 by changing the saturation by 10% instead.


 59.5860, 77.2099,
61.0527

 59.5860, 77.2099,
61.0527

412.9293,
485.4794, 446.3791

 43.3332, 57.4252,
43.8369


 103.3386,
129.4357, 107.9135

 30.3423, 41.3467,
30.2060


131.5692,
162.6456, 138.3956

 20.2479, 28.5901,
19.7416


164.5231,
201.0993, 174.1368

 12.6847, 18.7709,
12.0252

202.5656,
245.1813, 215.5557

 7.2873, 11.5049,
6.6381

246.0621,
295.2759, 263.0708

 3.6903, 6.4075,
3.1618

295.3780,

 1.5285, 3.0944,

351.7675, 317.1008

1.1778

350.8786,
415.0405, 378.0640

■ 0.3451, 1.1812,
0.0000

■ 0.0000, 0.0463,
0.0000

■ 59.5860, 77.2099,
61.0527

■ 59.5860, 77.2099,
61.0527

■ 52.5652, 73.8205,
50.4357

■ 67.8720, 81.2241,
73.1700

■ 46.7404, 71.0148,
41.2555

■ 77.4755, 85.8823,
86.8376

■ 42.0454, 68.7623,
33.4518

■ 88.4532, 91.2149,
102.1092

■ 38.4046, 67.0254,
26.9579

■ 91.3421, 92.5842,
107.6640

■ 35.7331, 65.7618,
21.7016

■ 33.9321, 64.9222,
17.6035

■ 32.8765, 64.4439,
14.5746

■ 32.6618, 64.3481,
13.8945

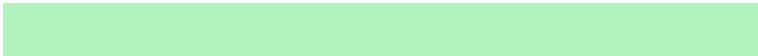
Harmonies

Analogous

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



65.3612, 77.2099, 47.8190



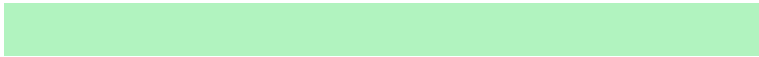
59.5860, 77.2099, 61.0527



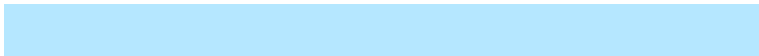
57.4578, 77.2099, 83.1282

Triad

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



59.5860, 77.2099, 61.0527



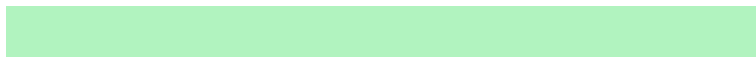
73.0566, 77.2099, 143.7519



89.5425, 77.2099, 62.3830

Complementary

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



59.5860, 77.2099, 61.0527



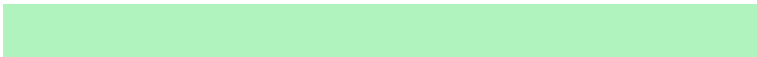
66.8297, 56.1578, 81.4491

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.



92.0146, 77.2099, 85.0158



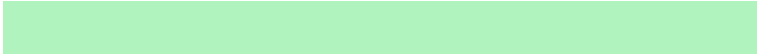
59.5860, 77.2099, 61.0527



82.0415, 77.2099, 135.1438

Square

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



59.5860, 77.2099, 61.0527



64.8342, 77.2099, 133.8529



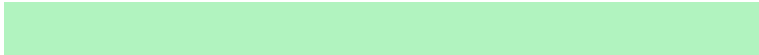
89.1667, 77.2099, 112.2443



82.6578, 77.2099, 48.4699

Rectangle

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



59.5860, 77.2099, 61.0527



58.2491, 77.2099, 101.1085



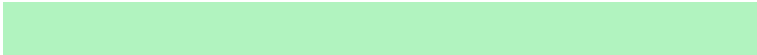
89.1667, 77.2099, 112.2443



90.9407, 77.2099, 69.0593

Sweetspot

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



59.5881, 77.2131, 61.0544



85.4583, 95.3419, 95.5037



72.5584, 84.0692, 53.9984



17.9292, 20.2312, 19.9301



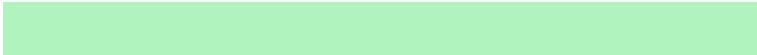
0.0000, 0.0000, 0.0000



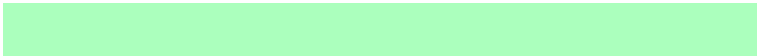
20.3446, 21.4041, 23.3091

Same Dimension

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



59.5881, 77.2131, 61.0544



61.6747, 83.8222, 60.9022



63.5307, 78.7902, 81.8159



16.4260, 18.5295, 18.2618



17.9648, 35.3308, 7.8346



1.6151, 3.1197, 0.8792

Inverse Universe

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



66.8297, 56.1578, 81.4491



71.0826, 56.4524, 87.3857



62.7417, 54.5226, 59.9218



17.0543, 16.7046, 20.0323



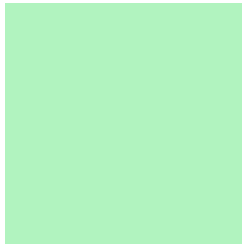
25.5263, 12.5539, 28.5434



2.2802, 1.1181, 2.7021

Previews

White Background



This preview shows how the XYZ color 59.5860, 77.2099, 61.0527 looks on a white background.

Color Contrast Check

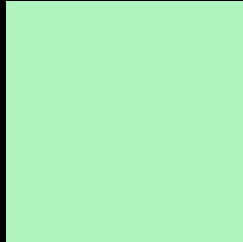
Large Text (above 18pt) WCAG AA × Fail

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 59.5860, 77.2099, 61.0527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

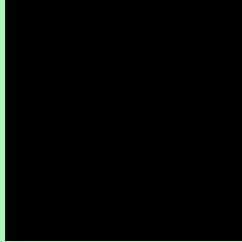
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.5860, 77.2099, 61.0527

Background



This preview shows how black text looks on a background with the XYZ color 59.5860, 77.2099, 61.0527.

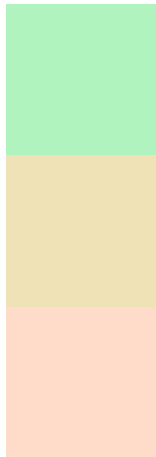


This preview shows how white text looks on a background with the XYZ color 59.5860, 77.2099, 61.0527.

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

59.5860, 77.2099, 61.0527

Protanopia

71.6788, 76.3369, 55.7564

Deuteranopia

77.3758, 76.6634, 65.9777



Tritanopia

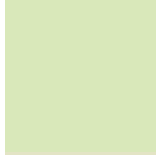
68.4242, 77.3273, 104.2478

Trichromacy



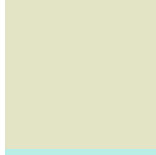
Original Color

59.5860, 77.2099, 61.0527



Protanomaly

66.3348, 76.0101, 57.6296



Deuteranomaly

69.5000, 75.8489, 63.8006



Tritanomaly

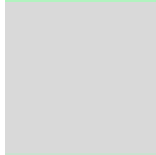
64.8650, 77.1765, 86.3407

Monochromacy



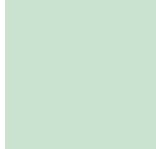
Original Color

59.5860, 77.2099, 61.0527



Achromatopsia

65.9525, 69.3872, 75.5626



Achromatomaly

62.9386, 71.5033, 70.1588

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5860, 77.2099, 61.0527 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(177, 243, 191)` looks like.

```
.text, #text, p{  
    color:rgb(177, 243, 191)  
}
```

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(177, 243, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 243, 191) }
```

Border

The CSS property to change the border of an element to XYZ 59.5860, 77.2099, 61.0527 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(177, 243, 191) }
```


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

```
.border{ border-color:rgb(177, 243, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 243, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 243, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 243, 191);  
box-shadow:4px 4px 4px 4px rgb(177, 243,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5860, 77.2099, 61.0527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 243, 191) }
```

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

```
.background{ background-color: rgb(177,  
243, 191) }
```

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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