

Converting Colors

XYZ(61.6359, 75.8672, 81.5128)

Have a look what the booklet for
XYZ(61.6359, 75.8672, 81.5128)
contains.

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Color

**XYZ(61.6413, 76.0594,
81.2441)**

Conversions

Conversions Part 1

Format	Color
Hex	AEEFDF
RGB	174, 239, 223
RGB Percent	68%, 94%, 87%
CMY	0.3176, 0.0627, 0.1255
CMYK	0.27, 0.00, 0.07, 0.06
HSL	165°, 67%, 81%
HSV	165°, 27%, 94%
XYZ	61.6413, 76.0594, 81.2441
YIQ	217.7410, -33.6040, -18.7560

Conversions

Conversions Part 2

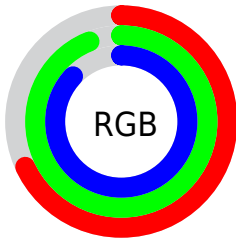
Format	Color
RYB	174, 211, 239
Decimal	11464671
CIELab	89.89, -23.62, 1.16
CIELCh	90, 23.644, 177.182
Yxy	76.0594, 0.2815, 0.3474
Android (android.graphics.Color)	4289654751 (0xFFAEEFDF)
YUV	217.7410, 2.5927, -38.3609
Hunter-Lab	87.2120, -26.4576, 5.8157

Details

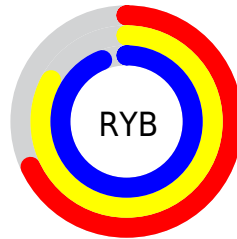
The XYZ color **61.6413, 76.0594, 81.2441** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **60.0295, 52.3425, 55.6574**, and the grayscale version is **66.4632, 69.9244, 76.1477**.

A 20% lighter version of the original color is **86.7650, 95.7289, 108.5123**, and **31.7471, 40.6872, 43.2260** is the 20% darker color. If you saturate the color by 10%, you get **56.0040, 73.2453, 76.9119**, and if you desaturate by 10%, it is **68.2579, 79.3791, 85.7693**.

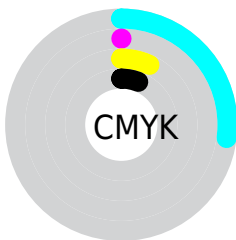
Distribution



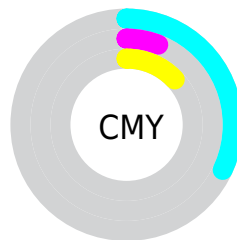
- Red (68%)
- Green (94%)
- Blue (87%)



- Red (68%)
- Yellow (83%)
- Blue (94%)



- Cyan (27%)
- Magenta (0%)
- Yellow (7%)
- Black (6%)



- Cyan (32%)
- Magenta (6%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.6413, 76.0594, 81.2441 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 61.6413, 76.0594, 81.2441 by changing the saturation by 10% instead.

61.6413, 76.0594,
81.2441

61.6413, 76.0594,
81.2441

420.3599,
481.5510, 518.9326

44.9974, 56.4812,
60.2105

106.2998,
127.8109, 136.9406

31.6567, 40.5889,
43.1619

135.0452,
160.7529, 172.4406

21.2537, 27.9980,
29.6798

168.5550,
198.9184, 213.5998

13.4231, 18.3241,
19.3457

207.1948,
242.6917, 260.8367

7.7995, 11.1830,
11.7410

251.3298,
292.4573, 314.5699

4.0177, 6.1900,
6.4472


301.3254,

1.7121, 2.9610,


348.5994, 375.2179


3.0457


357.5470,
411.5025, 443.1993

 0.4638, 1.1114,
1.1180


 0.0000, 0.0000,
0.0000


 61.6413, 76.0594,
81.2441


 61.6413, 76.0594,
81.2441

 56.0040, 73.2453,
76.9119


 68.2579, 79.3791,
85.7693


 51.2890, 70.9016,
72.7638

 75.8940, 83.2192,
90.4859

 47.4432, 69.0028,
68.7974

 84.5956, 87.6053,
95.3992

 44.4056, 67.5176,
65.0084

 88.8252, 89.6827,
100.2513

■ 42.1068, 66.4102,
61.3919

■ 89.7456, 90.0508,
105.0980

■ 40.4655, 65.6387,
57.9428

■ 90.1579, 90.2158,
107.2693

■ 39.3759, 65.1487,
54.6544

■ 39.1228, 65.0377,
53.7592

Harmonies

Analogous

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



63.2553, 76.0594, 66.5726



61.6413, 76.0594, 81.2441



62.7514, 76.0594, 98.4015

Triad

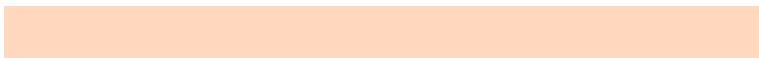
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



61.6413, 76.0594, 81.2441



77.5470, 76.0594, 114.8626



78.5538, 76.0594, 58.6111

Complementary

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



61.6413, 76.0594, 81.2441



60.0295, 52.3425, 55.6574

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.



82.7540, 76.0594, 68.9693



61.6413, 76.0594, 81.2441



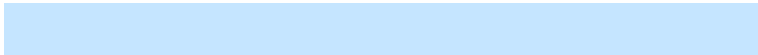
82.1512, 76.0594, 101.5069

Square

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



61.6413, 76.0594, 81.2441



71.7413, 76.0594, 119.2896



84.1043, 76.0594, 84.4076



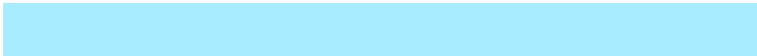
72.8459, 76.0594, 54.6561

Rectangle

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



61.6413, 76.0594, 81.2441



64.9218, 76.0594, 108.7309



84.1043, 76.0594, 84.4076



80.2003, 76.0594, 61.3849

Sweetspot

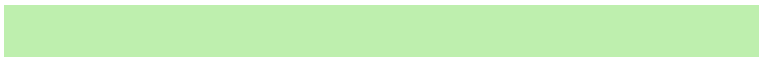
The Sweet Spot groups the original color and five complimentary colors.



61.6435, 76.0625, 81.2458



87.1408, 96.0149, 104.3641



59.8065, 75.7716, 51.5188



18.3525, 20.4005, 22.1591



0.0000, 0.0000, 0.0000



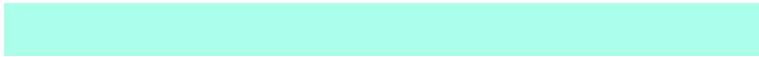
20.3446, 21.4041, 23.3091

Same Dimension

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



61.6435, 76.0625, 81.2458



67.4139, 86.1179, 91.1246



59.3588, 67.8753, 91.6377



16.0714, 17.8586, 19.3986



21.6739, 35.9616, 29.9956



1.8421, 3.0073, 2.7010

Inverse Universe

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



60.0295, 52.3425, 55.6574



65.2411, 54.1158, 56.6248



61.7067, 58.3442, 48.0548



15.9324, 15.8227, 17.2001



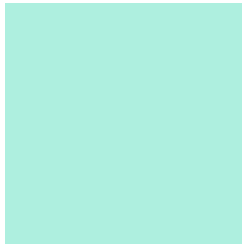
20.1490, 10.3320, 3.4352



1.7145, 0.8748, 0.4873

Previews

White Background



This preview shows how the XYZ color 61.6413, 76.0594, 81.2441 looks on a white background.

Color Contrast Check

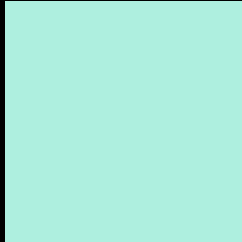
Large Text (above 18pt) WCAG AA × Fail

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 61.6413, 76.0594, 81.2441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

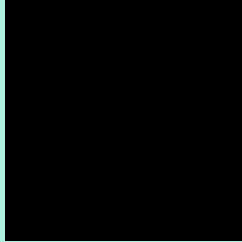
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

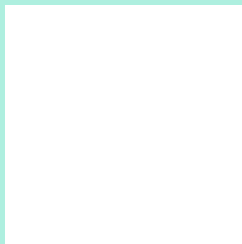
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.6413, 76.0594, 81.2441

Background



This preview shows how black text looks on a background with the XYZ color 61.6413, 76.0594, 81.2441.



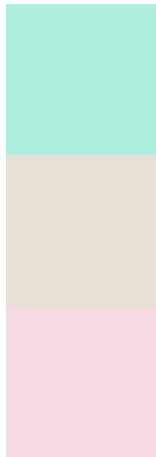
This preview shows how white text looks on a background with the XYZ color 61.6413, 76.0594,

81.2441.

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

61.6413, 76.0594, 81.2441

Protanopia

72.2001, 75.3734, 75.0331

Deuteranopia

76.9426, 75.2817, 83.1486



Tritanopia

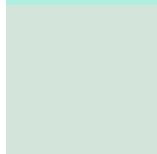
66.2603, 76.2118, 104.1466

Trichromacy



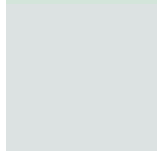
Original Color

61.6413, 76.0594, 81.2441



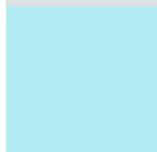
Protanomaly

67.5382, 74.9495, 77.2367



Deuteranomaly

70.4390, 75.0993, 82.7346



Tritanomaly

64.3826, 75.8667, 95.2548

Monochromacy



Original Color

61.6413, 76.0594, 81.2441



Achromatopsia

66.6397, 70.1102, 76.3500



Achromatomaly

64.4717, 72.1166, 78.2320

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6413, 76.0594, 81.2441 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(174, 239, 223)` looks like.

```
.text, #text, p{  
    color:rgb(174, 239, 223)  
}
```

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(174, 239, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 239, 223) }
```

Border

The CSS property to change the border of an element to XYZ 61.6413, 76.0594, 81.2441 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(174, 239, 223) }
```


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

```
.border{ border-color:rgb(174, 239, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 239, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 239, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 239, 223);  
box-shadow:4px 4px 4px 4px rgb(174, 239,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6413, 76.0594, 81.2441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 239, 223) }
```

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

```
.background{ background-color: rgb(174,  
239, 223) }
```

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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