

Converting Colors

XYZ(61.7249, 81.5893, 80.3700)

Have a look what the booklet for
XYZ(61.7249, 81.5893, 80.3700)
contains.

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Color

**XYZ(61.7135, 81.5326,
80.1949)**

Conversions

Conversions Part 1

Format	Color
Hex	9FFBDC
RGB	159, 251, 220
RGB Percent	62%, 98%, 86%
CMY	0.3765, 0.0157, 0.1372
CMYK	0.37, 0.00, 0.12, 0.02
HSL	160°, 92%, 80%
HSV	160°, 37%, 98%
XYZ	61.7135, 81.5326, 80.1949
YIQ	219.9580, -44.8810, -29.1450

Conversions

Conversions Part 2

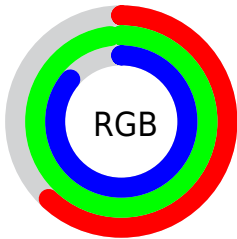
Format	Color
R _Y B	159, 214, 251
Decimal	10484700
CIE Lab	92.37, -34.14, 6.22
CIE LCh	92, 34.704, 169.667
Yxy	81.5326, 0.2762, 0.3649
Android (android.graphics.Color)	4288674780 (0xFF9FFBDC)
YUV	219.9580, 0.0207, -53.4602
Hunter-Lab	90.2954, -36.0189, 10.5490

Details

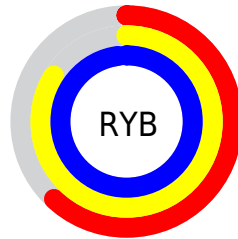
The XYZ color **61.7135, 81.5326, 80.1949** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **61.4788, 49.0252, 54.9408**, and the grayscale version is **68.0223, 71.5648, 77.9341**.

A 20% lighter version of the original color is **82.1289, 93.3389, 108.2953**, and **31.6768, 44.1838, 42.4561** is the 20% darker color. If you saturate the color by 10%, you get **56.1407, 78.7881, 74.2347**, and if you desaturate by 10%, it is **68.3581, 84.8274, 86.5047**.

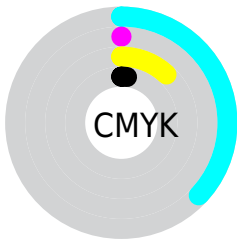
Distribution



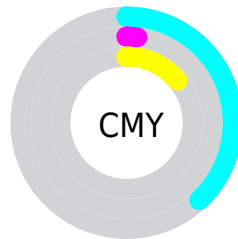
- Red (62%)
- Green (98%)
- Blue (86%)



- Red (62%)
- Yellow (84%)
- Blue (98%)



- Cyan (37%)
- Magenta (0%)
- Yellow (12%)
- Black (2%)





- Cyan (38%)
- Magenta (2%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.7135, 81.5326, 80.1949 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 61.7135, 81.5326, 80.1949 by changing the saturation by 10% instead.


 61.7135, 81.5326,
80.1949


 61.7135, 81.5326,
80.1949


420.6195,
500.0829, 515.3135

 45.0560, 60.9803,
59.3516


 106.4036,
135.5184, 135.4536

 31.7030, 44.2093,
42.4744


 135.1669,
169.7206, 170.7061

 21.2892, 30.8351,
29.1446


168.6962,
209.2417, 211.5988

 13.4492, 20.4733,
18.9437

207.3568,
254.4660, 258.5501

 7.8177, 12.7396,
11.4532

251.5141,
305.7779, 311.9788

 4.0294, 7.2495,
6.2545

301.5334,

 1.7188, 3.6186,

363.5617, 372.3032

2.9292

357.7801,
428.2019, 439.9419

0.4680, 1.4626,
1.0586

0.0000, 0.2622,
0.0000

61.7135, 81.5326,
80.1949

61.7135, 81.5326,
80.1949

56.1407, 78.7881,
74.2347

68.3581, 84.8274,
86.5047

51.5706, 76.5518,
68.6112

76.1250, 88.6920,
93.1655

47.9363, 74.7916,
63.3187

85.0693, 93.1569,
100.1857

45.1596, 73.4673,
58.3489

93.6017, 97.4025,
107.4949

■ 43.1488, 72.5317,
53.6930

■ 93.7886, 97.4773,
108.4795

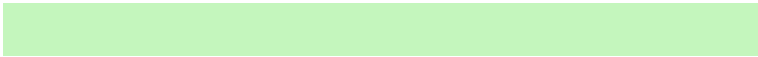
■ 41.7889, 71.9255,
49.3408

■ 41.4203, 71.7660,
47.9486

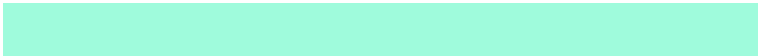
Harmonies

Analogous

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



65.0590, 81.5326, 60.4533



61.7135, 81.5326, 80.1949



62.3407, 81.5326, 106.4864

Triad

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



61.7135, 81.5326, 80.1949



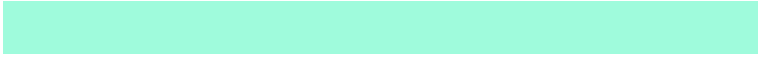
83.4542, 81.5326, 143.9793



89.2197, 81.5326, 56.1532

Complementary

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



61.7135, 81.5326, 80.1949



61.4788, 49.0252, 54.9408

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.



94.9238, 81.5326, 73.1454



61.7135, 81.5326, 80.1949



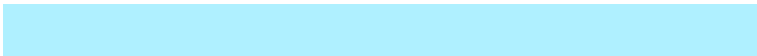
91.4211, 81.5326, 124.7948

Square

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



61.7135, 81.5326, 80.1949



74.4374, 81.5326, 146.8747



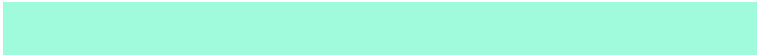
95.7591, 81.5326, 97.9466



80.6338, 81.5326, 48.4607

Rectangle

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



61.7135, 81.5326, 80.1949



64.9444, 81.5326, 124.2436



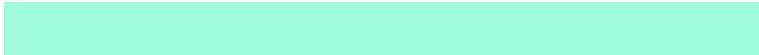
95.7591, 81.5326, 97.9466



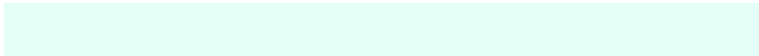
91.5650, 81.5326, 60.7944

Sweetspot

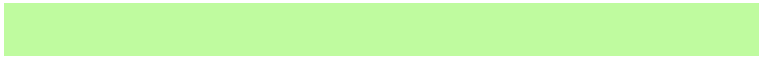
The Sweet Spot groups the original color and five complimentary colors.



61.7158, 81.5359, 80.1968



83.9880, 94.4688, 100.6329



62.2939, 82.6033, 45.4629



17.7078, 20.0859, 21.3283



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

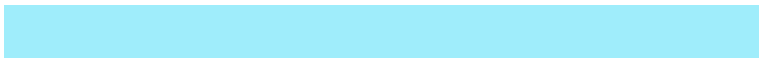
The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.7158, 81.5359, 80.1968



59.6023, 82.3615, 78.5320



62.0553, 75.0233, 102.4810



17.5027, 19.5033, 20.8475



21.8420, 37.7498, 25.5749



2.0723, 3.5160, 2.6288

Inverse Universe

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



61.4788, 49.0252, 54.9408



59.3329, 44.1651, 48.9035



60.9494, 52.8250, 39.7860



17.4859, 17.3217, 19.1485



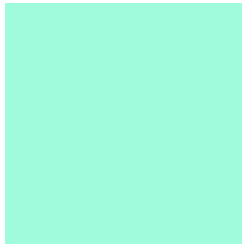
21.8256, 11.1460, 5.7903



2.0687, 1.0512, 0.7852

Previews

White Background



This preview shows how the XYZ color 61.7135, 81.5326, 80.1949 looks on a white background.

Color Contrast Check

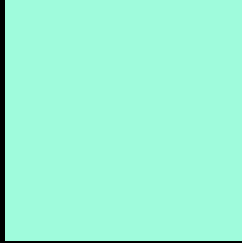
Large Text (above 18pt) WCAG AA × Fail

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 61.7135, 81.5326, 80.1949 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 61.7135, 81.5326, 80.1949

Background



This preview shows how black text looks on a background with the XYZ color 61.7135, 81.5326, 80.1949.

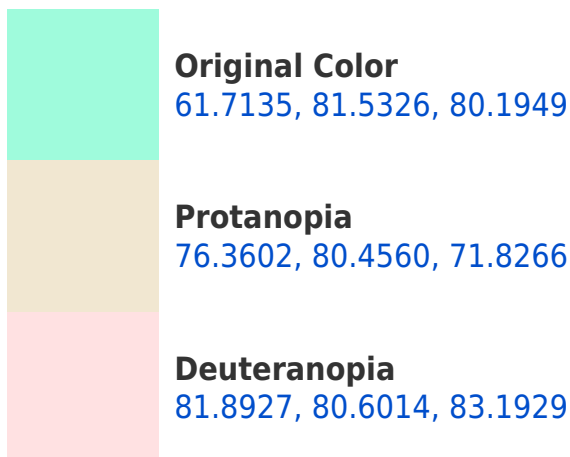


This preview shows how white text looks on a background with the XYZ color 61.7135, 81.5326,

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

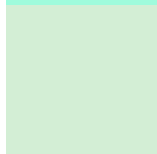
70.9912, 81.2070, 106.5406

Trichromacy



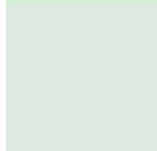
Original Color

61.7135, 81.5326, 80.1949



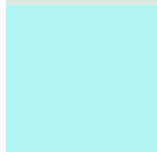
Protanomaly

69.4487, 79.8021, 74.6938



Deuteranomaly

72.3926, 79.4431, 82.0396



Tritanomaly

67.2698, 81.2993, 96.1512

Monochromacy



Original Color

61.7135, 81.5326, 80.1949



Achromatopsia

68.0267, 71.5694, 77.9390



Achromatomaly

64.7829, 74.3249, 78.6419

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7135, 81.5326, 80.1949 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(159, 251, 220)` looks like.

```
.text, #text, p{  
    color:rgb(159, 251, 220)  
}
```

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(159, 251, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 251, 220) }
```

Border

The CSS property to change the border of an element to XYZ 61.7135, 81.5326, 80.1949 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(159, 251, 220) }
```


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

```
.border{ border-color:rgb(159, 251, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 251, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 251, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 251, 220);  
box-shadow:4px 4px 4px 4px rgb(159, 251,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7135, 81.5326, 80.1949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 251, 220) }
```

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

```
.background{ background-color: rgb(159,  
251, 220) }
```

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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