

Converting Colors

XYZ(61.0610, 81.2716, 76.7587)

Have a look what the booklet for
XYZ(61.0610, 81.2716, 76.7587)
contains.

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Color

**XYZ(61.0610, 81.2716,
76.7587)**

Conversions

Conversions Part 1

Format	Color
Hex	9FFBD7
RGB	159, 251, 215
RGB Percent	62%, 98%, 84%
CMY	0.3765, 0.0157, 0.1569
CMYK	0.37, 0.00, 0.14, 0.02
HSL	157°, 92%, 80%
HSV	157°, 37%, 98%
XYZ	61.0610, 81.2716, 76.7587
YIQ	219.3880, -43.2760, -30.7000

Conversions

Conversions Part 2

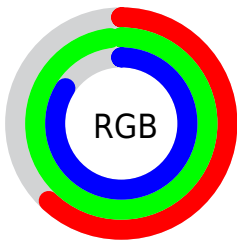
Format	Color
RYB	159, 216, 251
Decimal	10484695
CIELab	92.25, -35.17, 8.64
CIELCh	92, 36.220, 166.195
Yxy	81.2716, 0.2787, 0.3709
Android (android.graphics.Color)	4288674775 (0xFF9FFBD7)
YUV	219.3880, -2.1633, -52.9603
Hunter-Lab	90.1508, -36.8620, 12.6232

Details

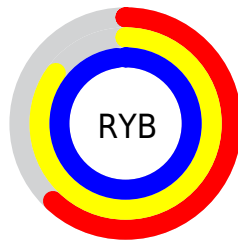
The XYZ color **61.0610, 81.2716, 76.7587** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **62.0349, 49.2477, 57.8691**, and the grayscale version is **67.6393, 71.1618, 77.4952**.

A 20% lighter version of the original color is **82.1289, 93.3389, 108.2953**, and **31.2305, 44.0052, 40.1055** is the 20% darker color. If you saturate the color by 10%, you get **55.3557, 78.4741, 70.1007**, and if you desaturate by 10%, it is **67.8572, 84.6271, 83.8668**.

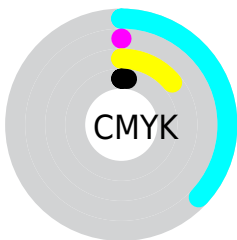
Distribution



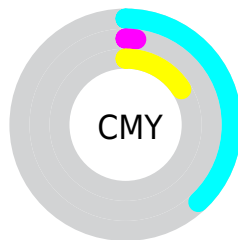
- Red (62%)
- Green (98%)
- Blue (84%)



- Red (62%)
- Yellow (85%)
- Blue (98%)



- Cyan (37%)
- Magenta (0%)
- Yellow (14%)
- Black (2%)





- Cyan (38%)
- Magenta (2%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.0610, 81.2716, 76.7587 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 61.0610, 81.2716, 76.7587 by changing the saturation by 10% instead.


 61.0610, 81.2716,
76.7587


 61.0610, 81.2716,
76.7587


418.2700,
499.2079, 503.3567

 44.5271, 60.7653,
56.5445


 105.4649,
135.1521, 130.5687

 31.2848, 44.0358,
40.2327


 134.0656,
169.2950, 165.0016

 20.9687, 30.6986,
27.4049


167.4193,
208.7523, 205.0110

 13.2135, 20.3695,
17.6424

205.8913,
253.9084, 251.0157

 7.6537, 12.6639,
10.5268

249.8470,
305.1476, 303.4340

 3.9241, 7.1975,
5.6395

299.6518,

 1.6593, 3.5859,

362.8543, 362.6846

2.5619

355.6710,
427.4130, 429.1860

■ 0.4306, 1.4448,
0.8727

■ 0.0000, 0.2494,
0.0000

■ 61.0610, 81.2716,
76.7587

■ 61.0610, 81.2716,
76.7587

■ 55.3557, 78.4741,
70.1007

■ 67.8572, 84.6271,
83.8668

■ 50.6717, 76.1923,
63.8776

■ 75.7952, 88.5601,
91.4290

■ 46.9416, 74.3938,
58.0807

■ 84.9308, 93.1015,
99.4561

■ 44.0867, 73.0382,
52.6993

■ 93.6748, 97.4318,
107.8801

■ 42.0148, 72.0781,
47.7214

■ 93.7887, 97.4773,
108.4796

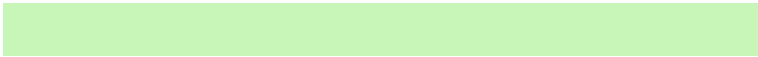
■ 40.6102, 71.4541,
43.1340

■ 40.2303, 71.2900,
41.6819

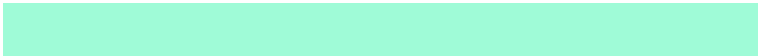
Harmonies

Analogous

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



64.9775, 81.2716, 57.4060



61.0610, 81.2716, 76.7587



61.2272, 81.2716, 103.6519

Triad

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



61.0610, 81.2716, 76.7587



82.3729, 81.2716, 147.7570



90.3789, 81.2716, 56.2744

Complementary

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



61.0610, 81.2716, 76.7587



62.0349, 49.2477, 57.8691

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.



95.8406, 81.2716, 74.8855



61.0610, 81.2716, 76.7587



90.9696, 81.2716, 129.1564

Square

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



61.0610, 81.2716, 76.7587



73.0330, 81.2716, 148.5415



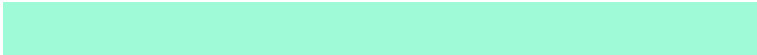
96.0651, 81.2716, 101.3616



81.6185, 81.2716, 47.2972

Rectangle

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



61.0610, 81.2716, 76.7587



63.6197, 81.2716, 122.5342



96.0651, 81.2716, 101.3616



92.6915, 81.2716, 61.4208

Sweetspot

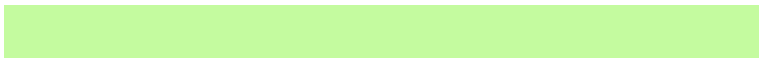
The Sweet Spot groups the original color and five complimentary colors.



61.0633, 81.2749, 76.7605



83.7555, 94.3758, 99.4085



63.4708, 83.2100, 45.5180



17.6523, 20.0637, 21.0359



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

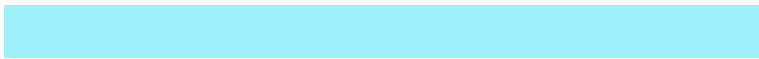
The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.0633, 81.2749, 76.7605



58.8227, 82.0496, 74.4262



63.4059, 77.7245, 102.9312



17.4613, 19.4868, 20.6295



21.2194, 37.5008, 22.2965



2.0173, 3.4940, 2.3391

Inverse Universe

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



62.0349, 49.2477, 57.8691



59.9707, 44.4202, 52.2624



60.0837, 51.0936, 39.4974



17.5258, 17.3377, 19.3588



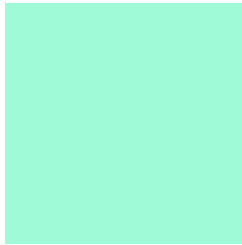
22.1427, 11.2728, 7.4597



2.1011, 1.0642, 0.9560

Previews

White Background



This preview shows how the XYZ color 61.0610, 81.2716, 76.7587 looks on a white background.

Color Contrast Check

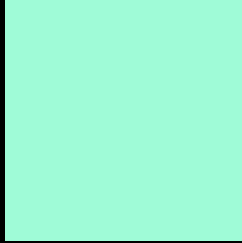
Large Text (above 18pt) WCAG AA × Fail

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 61.0610, 81.2716, 76.7587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

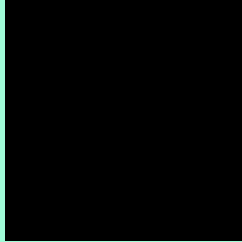
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.0610, 81.2716, 76.7587

Background



This preview shows how black text looks on a background with the XYZ color 61.0610, 81.2716, 76.7587.

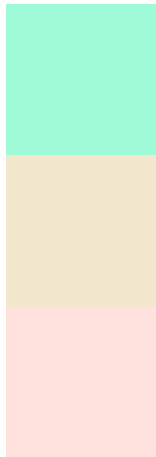


This preview shows how white text looks on a background with the XYZ color 61.0610, 81.2716,

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

61.0610, 81.2716, 76.7587

Protanopia

76.0929, 80.3887, 68.6328

Deuteranopia

81.3500, 80.3844, 80.3354



Tritanopia

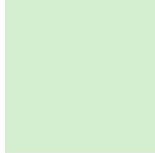
70.7405, 81.0777, 106.5289

Trichromacy



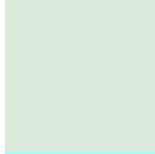
Original Color

61.0610, 81.2716, 76.7587



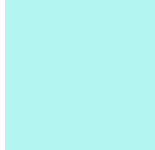
Protanomaly

69.1111, 79.7002, 71.4156



Deuteranomaly

71.7242, 79.1758, 78.5200



Tritanomaly

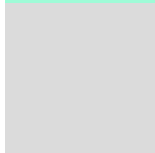
66.9710, 81.1798, 94.5776

Monochromacy



Original Color

61.0610, 81.2716, 76.7587



Achromatopsia

67.3311, 70.8376, 77.1421



Achromatomaly

64.2568, 74.0841, 77.2426

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0610, 81.2716, 76.7587 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, 215)` looks like.

```
.text, #text, p{  
    color:rgb(159, 251, 215)  
}
```

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, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 251, 215) }
```

Border

The CSS property to change the border of an element to XYZ 61.0610, 81.2716, 76.7587 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, 215) }
```


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

```
.border{ border-color:rgb(159, 251, 215) }
```

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, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 251, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 251, 215);  
box-shadow:4px 4px 4px 4px rgb(159, 251,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0610, 81.2716, 76.7587 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, 215) }
```

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

```
.background{ background-color: rgb(159,  
251, 215) }
```

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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