

Converting Colors

XYZ(61.1585, 83.1986, 77.1514)

Have a look what the booklet for
XYZ(61.1585, 83.1986, 77.1514)
contains.

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Color

**XYZ(61.1626, 83.1986,
77.1253)**

Conversions

Conversions Part 1

Format	Color
Hex	99FFD7
RGB	153, 255, 215
RGB Percent	60%, 100%, 84%
CMY	0.4000, 0.0000, 0.1569
CMYK	0.40, 0.00, 0.16, 0.00
HSL	156°, 100%, 80%
HSV	156°, 40%, 100%
XYZ	61.1626, 83.1986, 77.1253
YIQ	219.9420, -47.9520, -34.0640

Conversions

Conversions Part 2

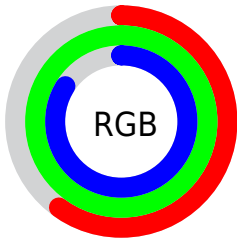
Format	Color
RYB	153, 216, 255
Decimal	10092503
CIELab	93.10, -38.59, 9.82
CIELCh	93, 39.824, 165.720
Yxy	83.1986, 0.2761, 0.3756
Android (android.graphics.Color)	4288282583 (0xFF99FFD7)
YUV	219.9420, -2.4364, -58.7081
Hunter-Lab	91.2133, -39.9309, 13.7167

Details

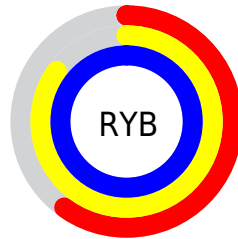
The XYZ color **61.1626, 83.1986, 77.1253** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **62.2574, 47.8937, 56.4156**, and the grayscale version is **68.0274, 71.5701, 77.9399**.

A 20% lighter version of the original color is **80.6740, 92.5889, 108.2272**, and **31.3631, 45.4130, 40.3703** is the 20% darker color. If you saturate the color by 10%, you get **55.6072, 80.4786, 70.3622**, and if you desaturate by 10%, it is **67.8265, 86.4809, 84.3531**.

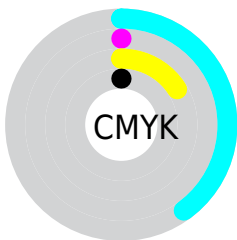
Distribution



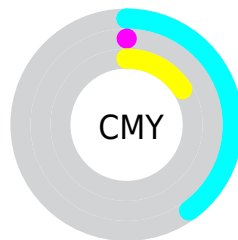
- Red (60%)
- Green (100%)
- Blue (84%)



- Red (60%)
- Yellow (85%)
- Blue (100%)



- Cyan (40%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)





- Cyan (40%)
- Magenta (0%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.1626, 83.1986, 77.1253 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 61.1626, 83.1986, 77.1253 by changing the saturation by 10% instead.


 61.1626, 83.1986,
77.1253


 61.1626, 83.1986,
77.1253


418.6363,
505.6482, 504.6401

 44.6094, 62.3540,
56.8435


 105.6111,
137.8536, 131.0910

 31.3499, 45.3188,
40.4711


 134.2372,
172.4328, 165.6120

 21.0185, 31.7086,
27.5895

167.6183,
212.3589, 205.7164

 13.2501, 21.1390,
17.7801

206.1197,
258.0164, 251.8230

 7.6792, 13.2257,
10.6244

250.1069,
309.7897, 304.3500

 3.9404, 7.5841,
5.7039

299.9451,

 1.6685, 3.8300,

368.0632, 363.7162

2.6000

355.9998,
433.2212, 430.3401

■ 0.4364, 1.5789,
0.8925

■ 0.0000, 0.3433,
0.0000

■ 61.1626, 83.1986,
77.1253

■ 61.1626, 83.1986,
77.1253

■ 55.6072, 80.4786,
70.3622

■ 67.8265, 86.4809,
84.3531

■ 51.0904, 78.2852,
64.0490

■ 75.6582, 90.3560,
92.0513

■ 47.5378, 76.5801,
58.1764

■ 84.7154, 94.8535,
100.2308

■ 44.8635, 75.3191,
52.7325

95.0500, 100.0000,
108.9000

■ 42.9652, 74.4498,
47.7046

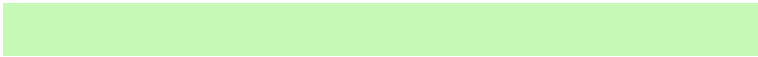
■ 41.6767, 73.8867,
43.0768

■ 41.6766, 73.8866,
43.0763

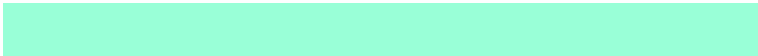
Harmonies

Analogous

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



65.5490, 83.1986, 56.0642



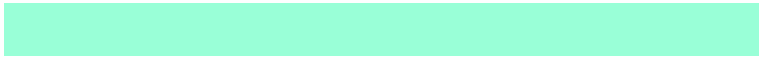
61.1626, 83.1986, 77.1253



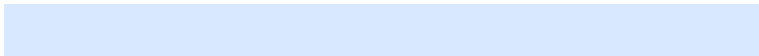
61.2728, 83.1986, 107.0890

Triad

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



61.1626, 83.1986, 77.1253



84.6467, 83.1986, 158.0271



93.9496, 83.1986, 55.3250

Complementary

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



61.1626, 83.1986, 77.1253



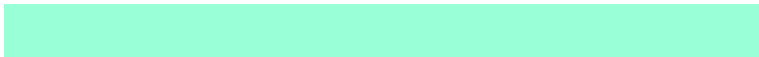
62.2574, 47.8937, 56.4156

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.



100.0356, 83.1986, 75.8776



61.1626, 83.1986, 77.1253



94.3506, 83.1986, 136.9891

Square

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



61.1626, 83.1986, 77.1253



74.2251, 83.1986, 158.5700



100.1886, 83.1986, 105.5352



84.1375, 83.1986, 45.4882

Rectangle

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



61.1626, 83.1986, 77.1253



63.8628, 83.1986, 128.5031



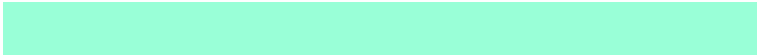
100.1886, 83.1986, 105.5352



96.5356, 83.1986, 60.9790

Sweetspot

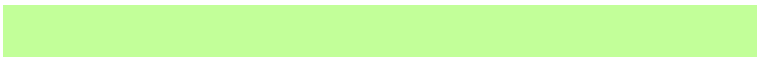
The Sweet Spot groups the original color and five complimentary colors.



61.1634, 83.1990, 77.1267



82.8023, 93.9024, 98.5551



63.7073, 85.2631, 43.2379



17.4617, 19.9691, 20.8630



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.



61.1634, 83.1990, 77.1267



56.6324, 80.9791, 71.6779



63.7794, 79.1766, 106.5288



18.2354, 20.3537, 21.5428



21.8524, 38.6376, 22.9059



2.1814, 3.7835, 2.5132

Inverse Universe

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



62.2574, 47.8937, 56.4156



57.8722, 41.2455, 48.4116



60.1232, 49.8264, 36.5868



18.3043, 18.1050, 20.2197



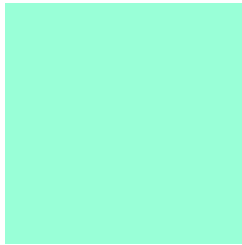
22.8187, 11.6168, 7.6959



2.2736, 1.1518, 1.0222

Previews

White Background



This preview shows how the XYZ color 61.1626, 83.1986, 77.1253 looks on a white background.

Color Contrast Check

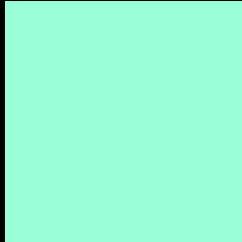
Large Text (above 18pt) WCAG AA × Fail

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 61.1626, 83.1986, 77.1253 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 61.1626, 83.1986, 77.1253

Background



This preview shows how black text looks on a background with the XYZ color 61.1626, 83.1986, 77.1253.

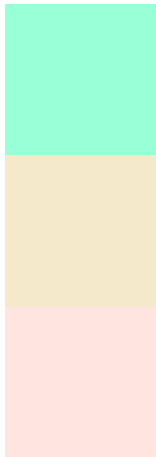


This preview shows how white text looks on a background with the XYZ color 61.1626, 83.1986,

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

61.1626, 83.1986, 77.1253

Protanopia

77.6942, 82.0499, 68.8690

Deuteranopia

82.4379, 82.1286, 82.0285



Tritanopia

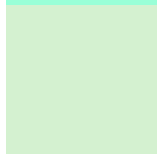
72.5671, 82.4600, 106.6994

Trichromacy



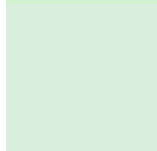
Original Color

61.1626, 83.1986, 77.1253



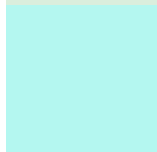
Protanomaly

69.9918, 81.4617, 71.7092



Deuteranomaly

72.5391, 81.2750, 80.2710



Tritanomaly

67.8113, 82.5161, 94.7912

Monochromacy



Original Color

61.1626, 83.1986, 77.1253



Achromatopsia

68.0267, 71.5694, 77.9390



Achromatomaly

64.5588, 75.0755, 77.4181

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1626, 83.1986, 77.1253 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(153, 255, 215)` looks like.

```
.text, #text, p{  
    color:rgb(153, 255, 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(153, 255, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 255, 215) }
```

Border

The CSS property to change the border of an element to XYZ 61.1626, 83.1986, 77.1253 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(153, 255, 215) }
```


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

```
.border{ border-color:rgb(153, 255, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 255, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 255, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 255, 215);  
box-shadow:4px 4px 4px 4px rgb(153, 255,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1626, 83.1986, 77.1253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 255, 215) }
```

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

```
.background{ background-color: rgb(153,  
255, 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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