

Converting Colors

XYZ(61.4423, 83.3105, 78.5979)

Have a look what the booklet for
XYZ(61.4423, 83.3105, 78.5979)
contains.

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Color

**XYZ(61.4213, 83.3021,
78.4873)**

Conversions

Conversions Part 1

Format	Color
Hex	99FFD9
RGB	153, 255, 217
RGB Percent	60%, 100%, 85%
CMY	0.4000, 0.0000, 0.1490
CMYK	0.40, 0.00, 0.15, 0.00
HSL	158°, 100%, 80%
HSV	158°, 40%, 100%
XYZ	61.4213, 83.3021, 78.4873
YIQ	220.1700, -48.5940, -33.4420

Conversions

Conversions Part 2

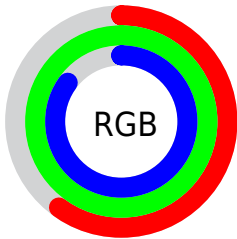
Format	Color
RYB	153, 216, 255
Decimal	10092505
CIELab	93.15, -38.18, 8.86
CIELCh	93, 39.195, 166.939
Yxy	83.3021, 0.2752, 0.3732
Android (android.graphics.Color)	4288282585 (0xFF99FFD9)
YUV	220.1700, -1.5628, -58.9081
Hunter-Lab	91.2700, -39.5986, 12.9028

Details

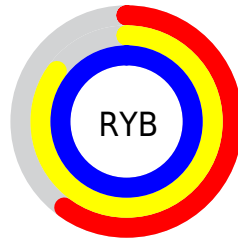
The XYZ color **61.4213, 83.3021, 78.4873** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **62.0358, 47.8051, 55.2485**, and the grayscale version is **68.1811, 71.7318, 78.1159**.

A 20% lighter version of the original color is **80.6740, 92.5889, 108.2272**, and **31.5395, 45.4836, 41.2993** is the 20% darker color. If you saturate the color by 10%, you get **55.9115, 80.6004, 71.9645**, and if you desaturate by 10%, it is **68.0322, 86.5632, 85.4357**.

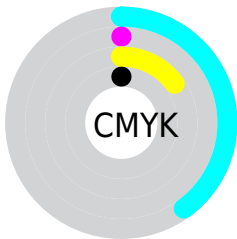
Distribution



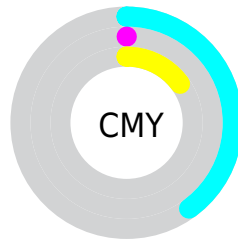
- Red (60%)
- Green (100%)
- Blue (85%)



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



- Cyan (40%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)



- Cyan (40%)
- Magenta (0%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.4213, 83.3021, 78.4873 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 61.4213, 83.3021, 78.4873 by changing the saturation by 10% instead.


 61.4213, 83.3021,
78.4873


 61.4213, 83.3021,
78.4873


419.5683,
505.9928, 509.3919

 44.8191, 62.4394,
57.9555


 105.9834,
137.9985, 133.0289

 31.5156, 45.3878,
41.3584


 134.6739,
172.6010, 167.8759

 21.1455, 31.7630,
28.2775


168.1247,
212.5522, 208.3317

 13.3435, 21.1806,
18.2941

206.7009,
258.2365, 254.8149

 7.7441, 13.2560,
10.9897

250.7681,
310.0383, 307.7439

 3.9821, 7.6051,
5.9458

300.6915,

 1.6920, 3.8433,

368.3421, 367.5374

2.7439

356.8364,
433.5321, 434.6139

■ 0.4513, 1.5863,
0.9654

■ 0.0000, 0.3483,
0.0000

■ 61.4213, 83.3021,
78.4873

■ 61.4213, 83.3021,
78.4873

■ 55.9115, 80.6004,
71.9645

■ 68.0322, 86.5632,
85.4357

■ 51.4332, 78.4223,
65.8537

■ 75.8032, 90.4140,
92.8145

■ 47.9120, 76.7297,
60.1466

■ 84.7920, 94.8841,
100.6335

■ 45.2624, 75.4787,
54.8326

95.0500, 100.0000,
108.9000

■ 43.3822, 74.6166,
49.9002

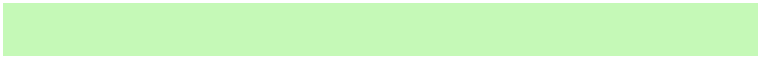
■ 42.1055, 74.0582,
45.3347

■ 42.1053, 74.0581,
45.3341

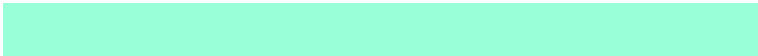
Harmonies

Analogous

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



65.5801, 83.3021, 57.2480



61.4213, 83.3021, 78.4873



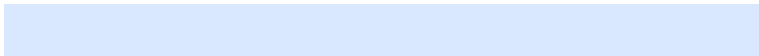
61.7143, 83.3021, 108.2360

Triad

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



61.4213, 83.3021, 78.4873



85.0827, 83.3021, 156.4367



93.4708, 83.3021, 55.2759

Complementary

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



61.4213, 83.3021, 78.4873



62.0358, 47.8051, 55.2485

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.



99.6554, 83.3021, 75.1716



61.4213, 83.3021, 78.4873



94.5323, 83.3021, 135.1615

Square

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



61.4213, 83.3021, 78.4873



74.7877, 83.3021, 157.8684



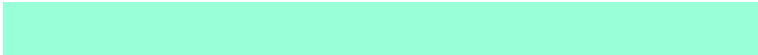
100.0599, 83.3021, 104.1221



83.7330, 83.3021, 45.9376

Rectangle

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



61.4213, 83.3021, 78.4873



64.3891, 83.3021, 129.2016



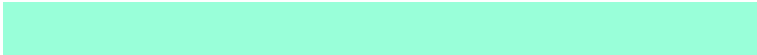
100.0599, 83.3021, 104.1221



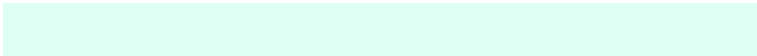
96.0696, 83.3021, 60.7282

Sweetspot

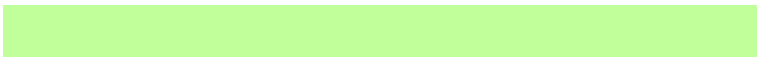
The Sweet Spot groups the original color and five complimentary colors.



61.4221, 83.3025, 78.4887



82.8931, 93.9387, 99.0331



63.2741, 85.0398, 43.2178



17.4831, 19.9776, 20.9756



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

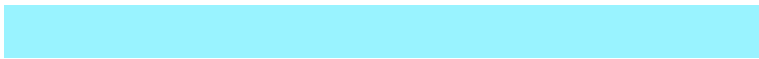
The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.4221, 83.3025, 78.4887



56.9282, 81.0974, 73.2352



63.2681, 78.1539, 106.3584



18.2510, 20.3599, 21.6249



22.0756, 38.7268, 24.0813



2.2023, 3.7919, 2.6234

Inverse Universe

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



62.0358, 47.8051, 55.2485



57.6287, 41.1481, 47.1293



60.4276, 50.4352, 36.6884



18.2892, 18.0990, 20.1401



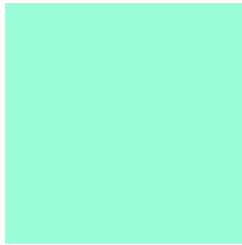
22.6941, 11.5669, 7.0397



2.2604, 1.1465, 0.9527

Previews

White Background



This preview shows how the XYZ color 61.4213, 83.3021, 78.4873 looks on a white background.

Color Contrast Check

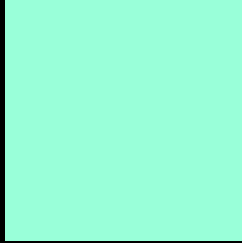
Large Text (above 18pt) WCAG AA × Fail

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 61.4213, 83.3021, 78.4873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

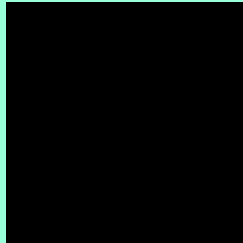
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.4213, 83.3021, 78.4873

Background



This preview shows how black text looks on a background with the XYZ color 61.4213, 83.3021, 78.4873.

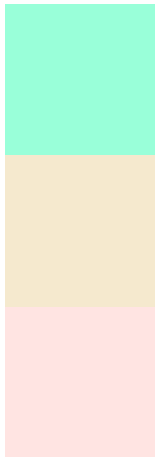


This preview shows how white text looks on a background with the XYZ color 61.4213, 83.3021, 78.4873.

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

61.4213, 83.3021, 78.4873

Protanopia

77.9357, 82.1465, 70.1407

Deuteranopia

82.7109, 82.2378, 83.4657



Tritanopia

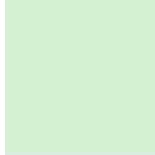
72.5671, 82.4600, 106.6994

Trichromacy



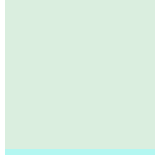
Original Color

61.4213, 83.3021, 78.4873



Protanomaly

70.2395, 81.5608, 73.0136



Deuteranomaly

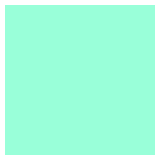
72.8073, 81.3822, 81.6830



Tritanomaly

67.9603, 82.5757, 95.5759

Monochromacy



Original Color

61.4213, 83.3021, 78.4873



Achromatopsia

68.0267, 71.5694, 77.9390



Achromatomaly

64.6900, 75.1281, 78.1095

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.4213, 83.3021, 78.4873 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, 217)` looks like.

```
.text, #text, p{  
    color:rgb(153, 255, 217)  
}
```

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, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 255, 217) }
```

Border

The CSS property to change the border of an element to XYZ 61.4213, 83.3021, 78.4873 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, 217) }
```


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

```
.border{ border-color:rgb(153, 255, 217) }
```

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, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 255, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 255, 217);  
box-shadow:4px 4px 4px 4px rgb(153, 255,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 61.4213, 83.3021, 78.4873 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, 217) }
```

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

```
.background{ background-color: rgb(153,  
255, 217) }
```

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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