

Converting Colors

XYZ(97.3466, 156.0562,
90.0468)

Have a look what the booklet for
XYZ(97.3466, 156.0562, 90.0468)
contains.

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Color

**XYZ(60.7323, 82.9619,
77.7781)**

Conversions

Conversions Part 1

Format	Color
Hex	96FFD8
RGB	150, 255, 216
RGB Percent	59%, 100%, 85%
CMY	0.4118, 0.0000, 0.1529
CMYK	0.41, 0.00, 0.15, 0.00
HSL	158°, 100%, 79%
HSV	158°, 41%, 100%
XYZ	60.7323, 82.9619, 77.7781
YIQ	219.1590, -50.0610, -34.3890

Conversions

Conversions Part 2

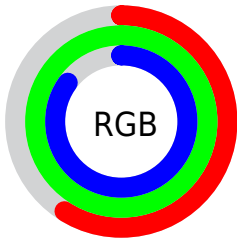
Format	Color
RYB	150, 214, 255
Decimal	9895896
CIELab	93.00, -39.16, 9.14
CIELCh	93, 40.215, 166.859
Yxy	82.9619, 0.2742, 0.3746
Android (android.graphics.Color)	4288085976 (0xFF96FFD8)
YUV	219.1590, -1.5574, -60.6524
Hunter-Lab	91.0834, -40.3764, 13.1294

Details

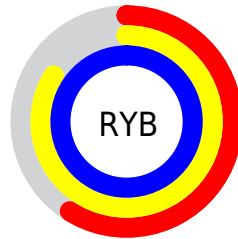
The XYZ color **60.7323, 82.9619, 77.7781** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **61.3321, 46.7477, 53.9351**, and the grayscale version is **67.4775, 70.9916, 77.3099**.

A 20% lighter version of the original color is **79.8224, 92.1499, 108.1874**, and **31.1413, 45.2885, 40.8185** is the 20% darker color. If you saturate the color by 10%, you get **55.3502, 80.3247, 71.3182**, and if you desaturate by 10%, it is **67.2075, 86.1543, 84.6604**.

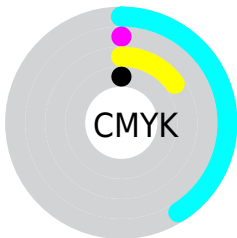
Distribution



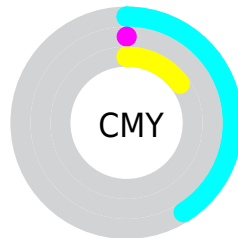
- Red (59%)
- Green (100%)
- Blue (85%)



- Red (59%)
- Yellow (84%)
- Blue (100%)



- Cyan (41%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)





- Cyan (41%)
- Magenta (0%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.7323, 82.9619, 77.7781 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 60.7323, 82.9619, 77.7781 by changing the saturation by 10% instead.


 60.7323, 82.9619,
77.7781


 60.7323, 82.9619,
77.7781


417.0834,
504.8595, 506.9208

 44.2609, 62.1587,
57.3763


 104.9915,
137.5221, 132.0203

 31.0744, 45.1610,
40.8961


 133.5101,
172.0479, 166.6978

 20.8076, 31.5842,
27.9188


166.7750,
211.9167, 206.9710

 13.0951, 21.0441,
18.0260

205.1517,
257.5129, 253.2584

 7.5715, 13.1563,
10.7990

249.0056,
309.2209, 305.9785

 3.8715, 7.5362,
5.8194

298.7019,

 1.6297, 3.7997,

367.4251, 365.5500

2.6686

354.6060,
432.5098, 432.3912

■ 0.4117, 1.5621,
0.9275

■ 0.0000, 0.3319,
0.0000

■ 60.7323, 82.9619,
77.7781

■ 60.7323, 82.9619,
77.7781

■ 55.3502, 80.3247,
71.3182

■ 67.2075, 86.1543,
84.6604

■ 50.9908, 78.2068,
65.2671

■ 74.8355, 89.9328,
91.9697

■ 47.5787, 76.5693,
59.6164

■ 83.6742, 94.3271,
99.7160

■ 45.0267, 75.3675,
54.3556

■ 93.7771, 99.3644,
107.9075

■ 43.2303, 74.5476,
49.4729

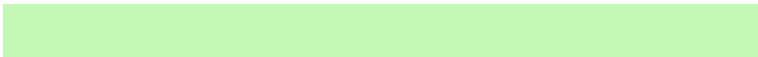
95.0500, 100.0000,
108.9000

■ 42.1304, 74.0682,
45.4662

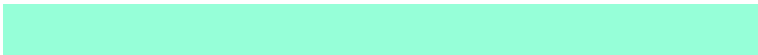
Harmonies

Analogous

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



64.9815, 82.9619, 56.1968



60.7323, 82.9619, 77.7781



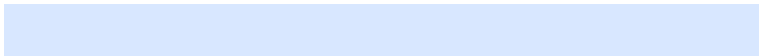
61.0184, 82.9619, 108.2149

Triad

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



60.7323, 82.9619, 77.7781



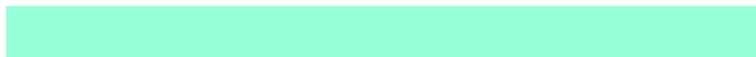
84.8722, 82.9619, 157.9718



93.5251, 82.9619, 54.2804

Complementary

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



60.7323, 82.9619, 77.7781



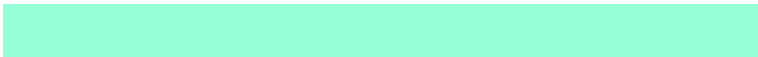
61.3321, 46.7477, 53.9351

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.



99.8621, 82.9619, 74.5354



60.7323, 82.9619, 77.7781



94.5697, 82.9619, 136.0710

Square

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



60.7323, 82.9619, 77.7781



74.3382, 82.9619, 159.3893



100.2606, 82.9619, 104.1676



83.5466, 82.9619, 44.8099

Rectangle

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



60.7323, 82.9619, 77.7781



63.7357, 82.9619, 129.7731



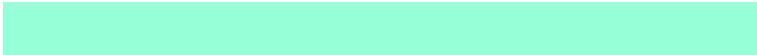
100.2606, 82.9619, 104.1676



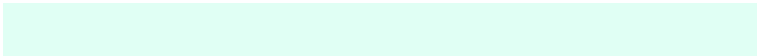
96.1891, 82.9619, 59.8200

Sweetspot

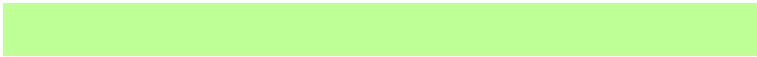
The Sweet Spot groups the original color and five complimentary colors.



60.7331, 82.9623, 77.7795



82.8983, 93.9408, 99.0605



62.5633, 84.7017, 41.9069



17.4843, 19.9781, 20.9821



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

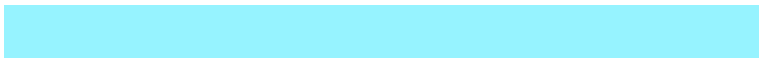
The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.7331, 82.9623, 77.7795



56.4317, 80.8530, 72.6886



62.6041, 77.6561, 106.2973



18.2519, 20.3603, 21.6296



22.0887, 38.7321, 24.1500



2.2036, 3.7924, 2.6298

Inverse Universe

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



61.3321, 46.7477, 53.9351



57.1112, 40.3913, 46.0989



59.7101, 49.3917, 35.2418



18.2883, 18.0986, 20.1355



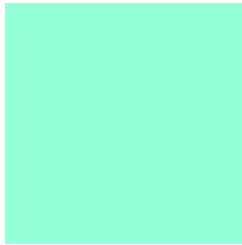
22.6872, 11.5642, 7.0033



2.2597, 1.1462, 0.9488

Previews

White Background



This preview shows how the XYZ color 60.7323, 82.9619, 77.7781 looks on a white background.

Color Contrast Check

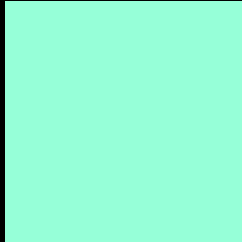
Large Text (above 18pt) WCAG AA × Fail

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 60.7323, 82.9619, 77.7781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

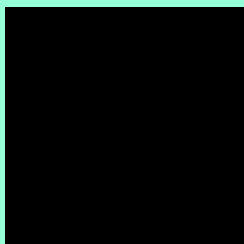
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

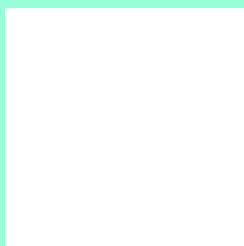
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.7323, 82.9619, 77.7781

Background



This preview shows how black text looks on a background with the XYZ color 60.7323, 82.9619, 77.7781.

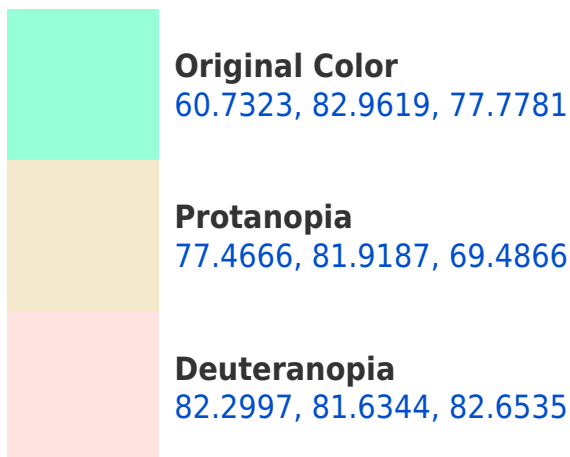


This preview shows how white text looks on a background with the XYZ color 60.7323, 82.9619,

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

72.0503, 82.1936, 106.6752

Trichromacy



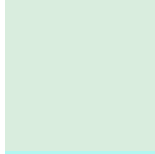
Original Color

60.7323, 82.9619, 77.7781



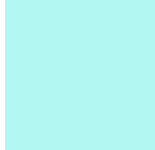
Protanomaly

69.5423, 81.2157, 72.3325



Deuteranomaly

72.0843, 80.5940, 80.8642



Tritanomaly

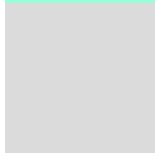
67.4980, 82.3374, 95.5543

Monochromacy



Original Color

60.7323, 82.9619, 77.7781



Achromatopsia

67.3311, 70.8376, 77.1421



Achromatomaly

63.7596, 74.2445, 77.2998

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7323, 82.9619, 77.7781 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(150, 255, 216)` looks like.

```
.text, #text, p{  
    color:rgb(150, 255, 216)  
}
```

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(150, 255, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 255, 216) }
```

Border

The CSS property to change the border of an element to XYZ 60.7323, 82.9619, 77.7781 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(150, 255, 216) }
```


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

```
.border{ border-color:rgb(150, 255, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 255, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 255, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 255, 216);  
box-shadow:4px 4px 4px 4px rgb(150, 255,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7323, 82.9619, 77.7781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 255, 216) }
```

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

```
.background{ background-color: rgb(150,  
255, 216) }
```

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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