

Converting Colors

XYZ(60.1097, 82.7774, 71.5806)

Have a look what the booklet for
XYZ(60.1097, 82.7774, 71.5806)
contains.

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Color

**XYZ(60.1594, 82.7973,
71.8422)**

Conversions

Conversions Part 1

Format	Color
Hex	99FFCF
RGB	153, 255, 207
RGB Percent	60%, 100%, 81%
CMY	0.4000, 0.0000, 0.1882
CMYK	0.40, 0.00, 0.19, 0.00
HSL	152°, 100%, 80%
HSV	152°, 40%, 100%
XYZ	60.1594, 82.7973, 71.8422
YIQ	219.0300, -45.3840, -36.5520

Conversions

Conversions Part 2

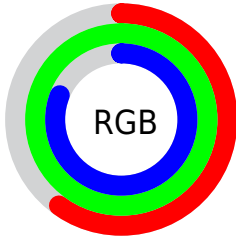
Format	Color
RYB	153, 220, 255
Decimal	10092495
CIELab	92.93, -40.21, 13.69
CIELCh	93, 42.475, 161.201
Yxy	82.7973, 0.2801, 0.3855
Android (android.graphics.Color)	4288282575 (0xFF99FFCF)
YUV	219.0300, -5.9308, -57.9083
Hunter-Lab	90.9930, -41.2238, 16.8836

Details

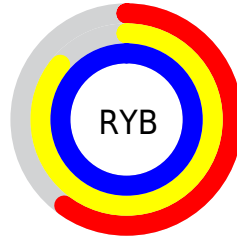
The XYZ color **60.1594, 82.7973, 71.8422** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **63.1744, 48.2605, 61.2444**, and the grayscale version is **67.4151, 70.9260, 77.2384**.

A 20% lighter version of the original color is **80.6740, 92.5889, 108.2272**, and **30.7677, 45.1749, 37.2350** is the 20% darker color. If you saturate the color by 10%, you get **54.4381, 80.0110, 64.2056**, and if you desaturate by 10%, it is **67.0221, 86.1592, 80.1171**.

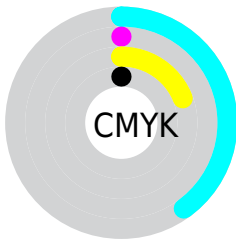
Distribution



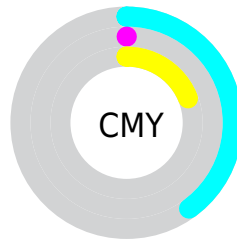
- Red (60%)
- Green (100%)
- Blue (81%)



- Red (60%)
- Yellow (86%)
- Blue (100%)



- Cyan (40%)
- Magenta (0%)
- Yellow (19%)
- Black (0%)





- Cyan (40%)
- Magenta (0%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.1594, 82.7973, 71.8422 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 60.1594, 82.7973, 71.8422 by changing the saturation by 10% instead.


 60.1594, 82.7973,
71.8422


 60.1594, 82.7973,
71.8422


415.0104,
504.3107, 485.9549

 43.7971, 62.0229,
52.5437


 104.1659,
137.2915, 123.5378

 30.7082, 45.0512,
37.0534


 132.5408,
171.7802, 156.7720

 20.5275, 31.4978,
24.9528


165.6506,
211.6091, 195.4885

 12.8896, 20.9782,
15.8232

203.8606,
257.1626, 240.1059

 7.4290, 13.1081,
9.2461

247.5362,
308.8251, 291.0427

 3.7805, 7.5030,
4.8031

297.0429,

 1.5787, 3.7786,

366.9810, 348.7174

2.0755

352.7458,
432.0148, 413.5487

■ 0.3785, 1.5505,
0.6011

■ 0.0000, 0.3239,
0.0000

■ 60.1594, 82.7973,
71.8422

■ 60.1594, 82.7973,
71.8422

■ 54.4381, 80.0110,
64.2056

■ 67.0221, 86.1592,
80.1171

■ 49.7873, 77.7639,
57.1869

■ 75.0867, 90.1274,
89.0414

■ 46.1315, 76.0176,
50.7708

■ 84.4117, 94.7320,
98.6314

■ 43.3836, 74.7272,
44.9394

95.0500, 100.0000,
108.9000

■ 41.4401, 73.8398,
39.6733

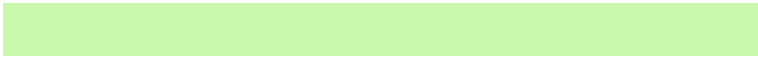
■ 40.1334, 73.2694,
34.9500

■ 40.1333, 73.2693,
34.9495

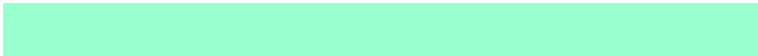
Harmonies

Analogous

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



65.4492, 82.7973, 51.5160



60.1594, 82.7973, 71.8422



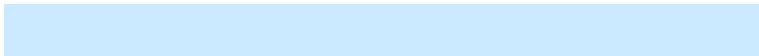
59.5490, 82.7973, 102.5640

Triad

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



60.1594, 82.7973, 71.8422



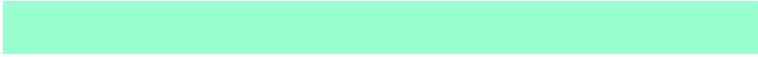
82.9186, 82.7973, 164.4533



95.8853, 82.7973, 55.5645

Complementary

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



60.1594, 82.7973, 71.8422



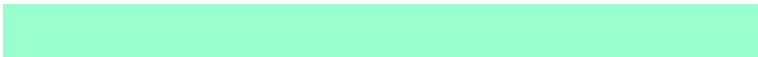
63.1744, 48.2605, 61.2444

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.



101.5624, 82.7973, 78.7844



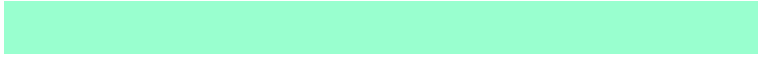
60.1594, 82.7973, 71.8422



93.6203, 82.7973, 144.4523

Square

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



60.1594, 82.7973, 71.8422



72.0123, 82.7973, 161.3410



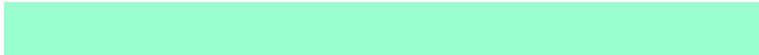
100.6965, 82.7973, 111.3355



85.7817, 82.7973, 43.7593

Rectangle

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



60.1594, 82.7973, 71.8422



61.8045, 82.7973, 125.6981



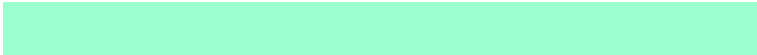
100.6965, 82.7973, 111.3355



98.4156, 82.7973, 62.0318

Sweetspot

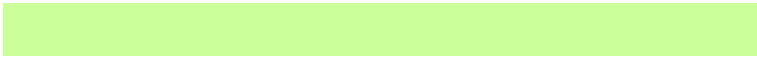
The Sweet Spot groups the original color and five complimentary colors.



60.1602, 82.7977, 71.8436



82.4421, 93.7583, 96.6583



65.9488, 86.4187, 43.3429



17.3768, 19.9351, 20.4163



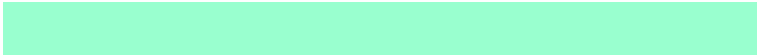
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

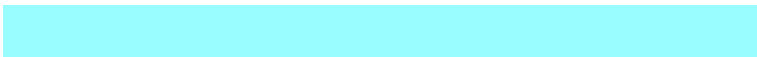
The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.1602, 82.7977, 71.8436



55.4939, 80.5237, 65.6822



66.4075, 84.4328, 107.4048



18.1735, 20.3289, 21.2164



21.0467, 38.3153, 18.6629



2.1045, 3.7527, 2.1080

Inverse Universe

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



63.1744, 48.2605, 61.2444



58.8889, 41.6522, 53.7653



58.6620, 46.9039, 36.0998



18.3652, 18.1294, 20.5402



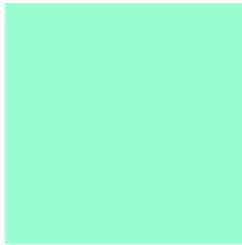
23.3942, 11.8470, 10.7263



2.3325, 1.1754, 1.3322

Previews

White Background



This preview shows how the XYZ color 60.1594, 82.7973, 71.8422 looks on a white background.

Color Contrast Check

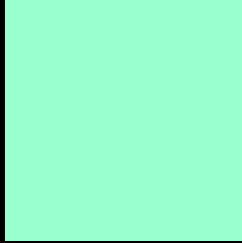
Large Text (above 18pt) WCAG AA × Fail

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 60.1594, 82.7973, 71.8422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

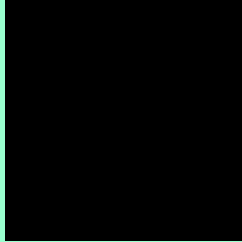
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.1594, 82.7973, 71.8422

Background



This preview shows how black text looks on a background with the XYZ color 60.1594, 82.7973, 71.8422.



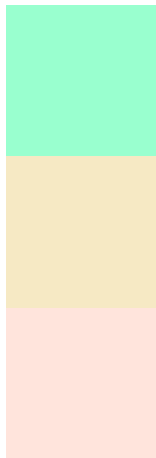
This preview shows how white text looks on a background with the XYZ color 60.1594, 82.7973,

71.8422.

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

60.1594, 82.7973, 71.8422

Protanopia

77.1088, 81.8562, 63.9603

Deuteranopia

81.9017, 81.9141, 79.2045



Tritanopia

72.3078, 82.3264, 106.6873

Trichromacy



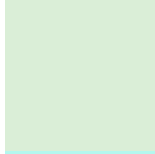
Original Color

60.1594, 82.7973, 71.8422



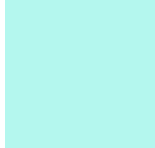
Protanomaly

69.0320, 81.0778, 66.6548



Deuteranomaly

71.7537, 80.9608, 76.1352



Tritanomaly

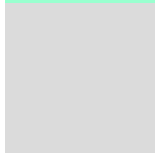
67.5158, 82.3979, 93.2348

Monochromacy



Original Color

60.1594, 82.7973, 71.8422



Achromatopsia

67.3311, 70.8376, 77.1421



Achromatomaly

63.6280, 74.2216, 75.2626

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1594, 82.7973, 71.8422 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, 207)` looks like.

```
.text, #text, p{  
    color:rgb(153, 255, 207)  
}
```

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, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 255, 207) }
```

Border

The CSS property to change the border of an element to XYZ 60.1594, 82.7973, 71.8422 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, 207) }
```


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

```
.border{ border-color:rgb(153, 255, 207) }
```

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, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 255, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 255, 207);  
box-shadow:4px 4px 4px 4px rgb(153, 255,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1594, 82.7973, 71.8422 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, 207) }
```

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

```
.background{ background-color: rgb(153,  
255, 207) }
```

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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