

Converting Colors

XYZ(60.0374, 82.7485, 71.2003)

Have a look what the booklet for
XYZ(60.0374, 82.7485, 71.2003)
contains.

| | |
|--|----|
| XYZ(60.0374, 82.7485, 71.2003) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(60.0374, 82.7485,
71.2003)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 99FFCE |
| RGB | 153, 255, 206 |
| RGB Percent | 60%, 100%, 81% |
| CMY | 0.4000, 0.0000, 0.1921 |
| CMYK | 0.40, 0.00, 0.19, 0.00 |
| HSL | 151°, 100%, 80% |
| HSV | 151°, 40%, 100% |
| XYZ | 60.0374, 82.7485, 71.2003 |
| YIQ | 218.9160, -45.0630, -36.8630 |

Conversions

Conversions Part 2

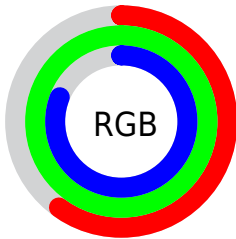
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 153, 220, 255 |
| Decimal | 10092494 |
| CIELab | 92.90, -40.41, 14.17 |
| CIELCh | 93, 42.820, 160.674 |
| Yxy | 82.7485, 0.2806, 0.3867 |
| Android (android.graphics.Color) | 4288282574 (0xFF99FFCE) |
| YUV | 218.9160, -6.3676, -57.8083 |
| Hunter-Lab | 90.9662, -41.3814, 17.2694 |

Details

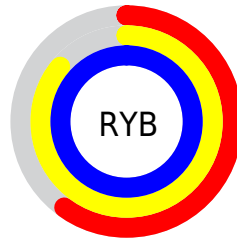
The XYZ color **60.0374, 82.7485, 71.2003** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **63.2923, 48.3075, 61.8656**, and the grayscale version is **67.3387, 70.8456, 77.1508**.

A 20% lighter version of the original color is **80.6740, 92.5889, 108.2272**, and **30.6855, 45.1420, 36.8017** is the 20% darker color. If you saturate the color by 10%, you get **54.2972, 79.9546, 63.4643**, and if you desaturate by 10%, it is **66.9235, 86.1197, 79.5981**.

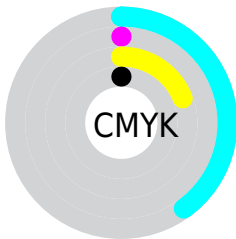
Distribution



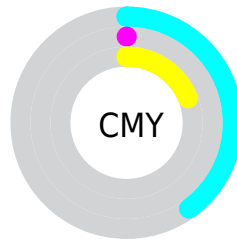
- Red (60%)
- Green (100%)
- Blue (81%)



- 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 60.0374, 82.7485, 71.2003 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 60.0374, 82.7485, 71.2003 by changing the saturation by 10% instead.


 60.0374, 82.7485,
71.2003


 60.0374, 82.7485,
71.2003


414.5681,
504.1480, 483.6558

 43.6984, 61.9827,
52.0228


 103.9900,
137.2232, 122.6160

 30.6303, 45.0187,
36.6409


 132.3342,
171.7008, 155.6913

 20.4680, 31.4722,
24.6360


165.4108,
211.5179, 194.2363

 12.8459, 20.9587,
15.5895

203.5853,
257.0587, 238.6696

 7.3988, 13.0938,
9.0830

247.2229,
308.7077, 289.4096

 3.7613, 7.4932,
4.6978

296.6890,

 1.5680, 3.7724,

366.8494, 346.8750

2.0154

352.3490,
431.8680, 411.4842

■ 0.3714, 1.5471,
0.5647

■ 0.0000, 0.3215,
0.0000

■ 60.0374, 82.7485,
71.2003

■ 60.0374, 82.7485,
71.2003

■ 54.2972, 79.9546,
63.4643

■ 66.9235, 86.1197,
79.5981

■ 49.6319, 77.7018,
56.3690

■ 75.0160, 90.0991,
88.6699

■ 45.9658, 75.9512,
49.8981

■ 84.3738, 94.7168,
98.4325

■ 43.2114, 74.6583,
44.0327

95.0500, 100.0000,
108.9000

■ 41.2652, 73.7699,
38.7526

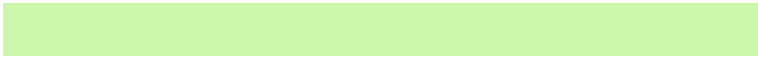
■ 39.9595, 73.1998,
34.0339

■ 39.9593, 73.1997,
34.0335

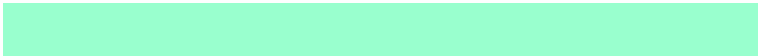
Harmonies

Analogous

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



65.4393, 82.7485, 50.9681



60.0374, 82.7485, 71.2003



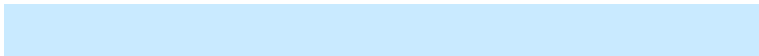
59.3382, 82.7485, 102.0058

Triad

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



60.0374, 82.7485, 71.2003



82.7044, 82.7485, 165.2636



96.1294, 82.7485, 55.5991

Complementary

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



60.0374, 82.7485, 71.2003



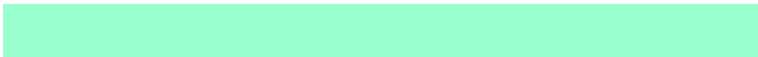
63.2923, 48.3075, 61.8656

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.



101.7538, 82.7485, 79.1569



60.0374, 82.7485, 71.2003



93.5287, 82.7485, 145.4021

Square

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



60.0374, 82.7485, 71.2003



71.7399, 82.7485, 161.6835



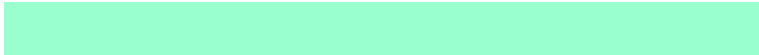
100.7593, 82.7485, 112.0770



85.9901, 82.7485, 43.5506

Rectangle

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



60.0374, 82.7485, 71.2003



61.5524, 82.7485, 125.3466



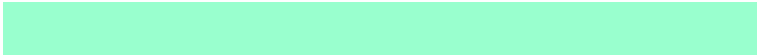
100.7593, 82.7485, 112.0770



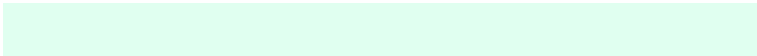
98.6524, 82.7485, 62.1687

Sweetspot

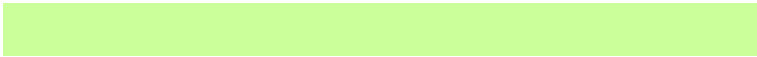
The Sweet Spot groups the original color and five complimentary colors.



60.0381, 82.7489, 71.2017



82.3974, 93.7404, 96.4231



65.9487, 86.4186, 43.3426



17.3663, 19.9309, 20.3610



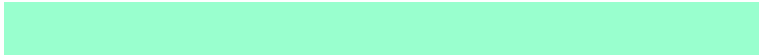
0.0000, 0.0000, 0.0000



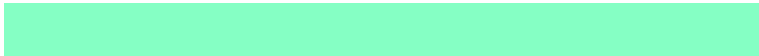
20.3446, 21.4041, 23.3091

Same Dimension

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



60.0381, 82.7489, 71.2017



55.3566, 80.4687, 64.9592



66.4074, 84.4327, 107.4048



18.1658, 20.3258, 21.1758



20.9556, 38.2788, 18.1832



2.0956, 3.7492, 2.0613

Inverse Universe

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



63.2923, 48.3075, 61.8656



59.0208, 41.7049, 54.4597



58.6618, 46.9037, 36.0995



18.3728, 18.1324, 20.5805



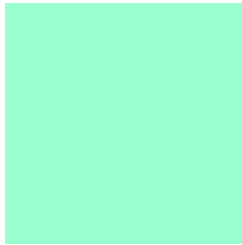
23.4750, 11.8793, 11.1518



2.3405, 1.1786, 1.3746

Previews

White Background



This preview shows how the XYZ color 60.0374, 82.7485, 71.2003 looks on a white background.

Color Contrast Check

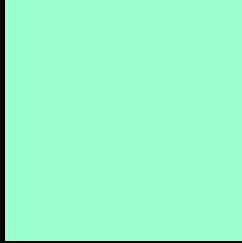
Large Text (above 18pt) WCAG AA × Fail

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 60.0374, 82.7485, 71.2003 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 60.0374, 82.7485, 71.2003

Background



This preview shows how black text looks on a background with the XYZ color 60.0374, 82.7485, 71.2003.

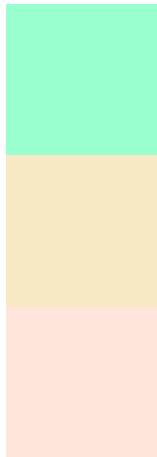


This preview shows how white text looks on a background with the XYZ color 60.0374, 82.7485,

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

60.0374, 82.7485, 71.2003

Protanopia

76.9953, 81.8108, 63.3627

Deuteranopia

81.7696, 81.8613, 78.5089



Tritanopia

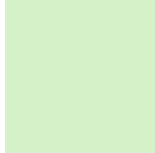
72.3078, 82.3264, 106.6873

Trichromacy



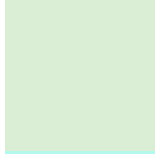
Original Color

60.0374, 82.7485, 71.2003



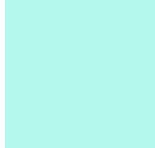
Protanomaly

68.9155, 81.0312, 66.0412



Deuteranomaly

71.6256, 80.9095, 75.4604



Tritanomaly

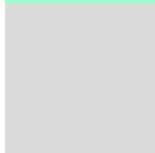
67.3692, 82.3393, 92.4631

Monochromacy



Original Color

60.0374, 82.7485, 71.2003



Achromatopsia

67.3311, 70.8376, 77.1421



Achromatomaly

63.4999, 74.1704, 74.5878

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0374, 82.7485, 71.2003 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, 206)` looks like.

```
.text, #text, p{  
    color:rgb(153, 255, 206)  
}
```

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, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 255, 206) }
```

Border

The CSS property to change the border of an element to XYZ 60.0374, 82.7485, 71.2003 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, 206) }
```


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

```
.border{ border-color:rgb(153, 255, 206) }
```

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, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 255, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 255, 206);  
box-shadow:4px 4px 4px 4px rgb(153, 255,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0374, 82.7485, 71.2003 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, 206) }
```

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

```
.background{ background-color: rgb(153,  
255, 206) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor