

Converting Colors

XYZ(60.1917, 82.8237, 71.4028)

Have a look what the booklet for
XYZ(60.1917, 82.8237, 71.4028)
contains.

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Color

**XYZ(60.2270, 82.8463,
71.2092)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 9AFFCE |
| RGB | 154, 255, 206 |
| RGB Percent | 60%, 100%, 81% |
| CMY | 0.3961, 0.0000, 0.1921 |
| CMYK | 0.40, 0.00, 0.19, 0.00 |
| HSL | 151°, 100%, 80% |
| HSV | 151°, 40%, 100% |
| XYZ | 60.2270, 82.8463, 71.2092 |
| YIQ | 219.2150, -44.4670, -36.6510 |

Conversions

Conversions Part 2

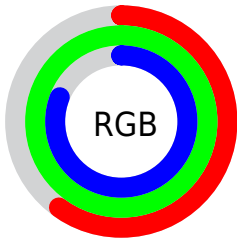
| Format | Color |
|-------------------------------------|---|
| RYB | 154, 221, 255 |
| Decimal | 10158030 |
| CIELab | 92.95, -40.14, 14.24 |
| CIElCh | 93, 42.592, 160.471 |
| Yxy | 82.8463, 0.2811, 0.3866 |
| Android (android.graphics.Color) | 4288348110 (0xFF9AFFCE) |
| YUV | 219.2150, -6.5150, -57.1936 |
| Hunter-Lab | 91.0199, -41.1732, 17.3286 |

Details

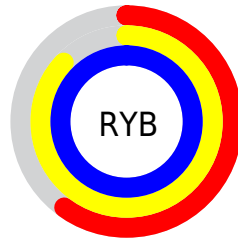
The XYZ color **60.2270, 82.8463, 71.2092** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **63.5755, 48.6838, 62.5461**, and the grayscale version is **67.5469, 71.0646, 77.3894**.

A 20% lighter version of the original color is **80.9614, 92.7370, 108.2407**, and **30.7913, 45.1966, 36.8067** is the 20% darker color. If you saturate the color by 10%, you get **54.4341, 80.0267, 63.3997**, and if you desaturate by 10%, it is **67.1705, 86.2452, 79.6927**.

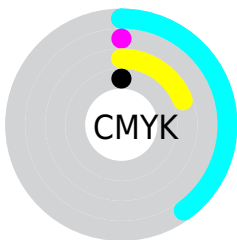
Distribution



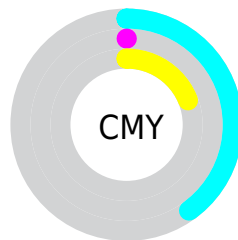
- Red (60%)
- Green (100%)
- Blue (81%)



- Red (60%)
- Yellow (87%)
- 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 60.2270, 82.8463, 71.2092 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 60.2270, 82.8463, 71.2092 by changing the saturation by 10% instead.


 60.2270, 82.8463,
71.2092


 60.2270, 82.8463,
71.2092


415.2553,
504.4741, 483.6878

 43.8518, 62.0634,
52.0301


 104.2634,
137.3602, 122.6288

 30.7514, 45.0839,
36.6466


 132.6552,
171.8599, 155.7063

 20.5605, 31.5235,
24.6404


165.7833,
211.7007, 194.2537

 12.9138, 20.9978,
15.5927

204.0131,
257.2669, 238.6895

 7.4458, 13.1224,
9.0852

247.7098,
308.9430, 289.4323

 3.7912, 7.5129,
4.6992

297.2388,

 1.5847, 3.7849,

367.1133, 346.9006

2.0163

352.9656,
432.1622, 411.5129

0.3824, 1.5540,
0.5652

0.0000, 0.3263,
0.0000

60.2270, 82.8463,
71.2092

60.2270, 82.8463,
71.2092

54.4341, 80.0267,
63.3997

67.1705, 86.2452,
79.6927

49.7210, 77.7506,
56.2429

75.3252, 90.2545,
88.8628

46.0123, 75.9792,
49.7219

84.7496, 94.9042,
98.7369

43.2210, 74.6680,
43.8174

95.0500, 100.0000,
108.9000

■ 41.2442, 73.7644,
38.5087

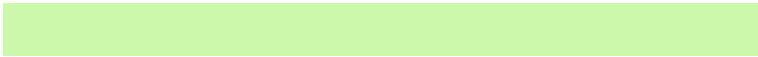
■ 39.9221, 73.1863,
33.7718

■ 39.8764, 73.1666,
33.5967

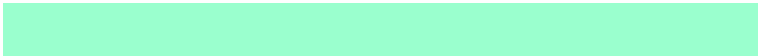
Harmonies

Analogous

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



65.6391, 82.8463, 51.1152



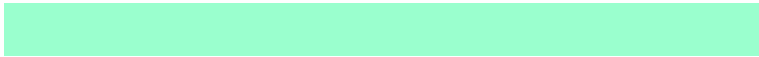
60.2270, 82.8463, 71.2092



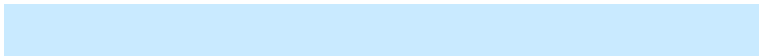
59.4975, 82.8463, 101.8230

Triad

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



60.2270, 82.8463, 71.2092



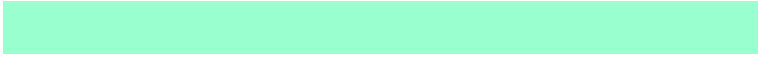
82.7013, 82.8463, 164.9978



96.1924, 82.8463, 55.9524

Complementary

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



60.2270, 82.8463, 71.2092



63.5755, 48.6838, 62.5461

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.



101.7464, 82.8463, 79.5071



60.2270, 82.8463, 71.2092



93.4841, 82.8463, 145.3993

Square

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



60.2270, 82.8463, 71.2092



71.7958, 82.8463, 161.2750



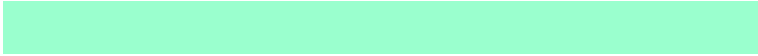
100.7110, 82.8463, 112.3113



86.1244, 82.8463, 43.8529

Rectangle

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



60.2270, 82.8463, 71.2092



61.6826, 82.8463, 125.0367



100.7110, 82.8463, 112.3113



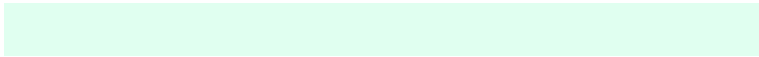
98.6903, 82.8463, 62.5300

Sweetspot

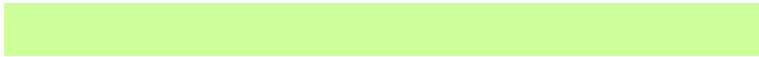
The Sweet Spot groups the original color and five complimentary colors.



60.2277, 82.8466, 71.2106



82.3758, 93.7318, 96.3091



66.6324, 86.7615, 43.8076



17.3612, 19.9289, 20.3341



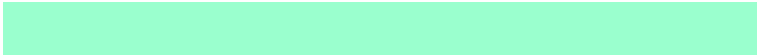
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

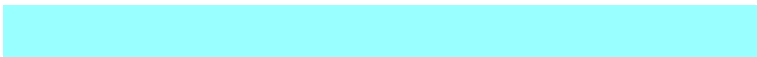
The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.2277, 82.8466, 71.2106



55.2903, 80.4422, 64.6103



67.1369, 85.6102, 107.5937



18.1620, 20.3243, 21.1562



20.9121, 38.2614, 17.9543



2.0914, 3.7475, 2.0389

Inverse Universe

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



63.5755, 48.6838, 62.5461



59.0852, 41.7307, 54.7988



58.6289, 46.7051, 36.4978



18.3766, 18.1339, 20.6001



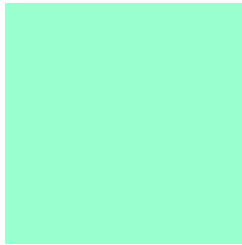
23.5150, 11.8953, 11.3622



2.3445, 1.1802, 1.3955

Previews

White Background



This preview shows how the XYZ color 60.2270, 82.8463, 71.2092 looks on a white background.

Color Contrast Check

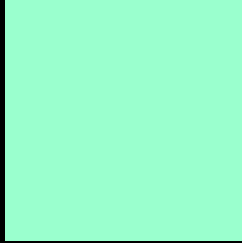
Large Text (above 18pt) WCAG AA × Fail

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 60.2270, 82.8463, 71.2092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

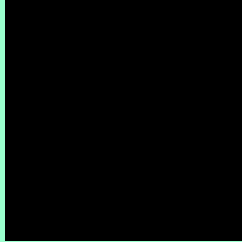
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

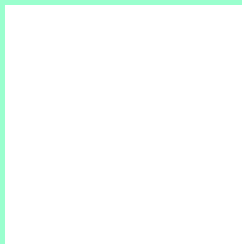
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.2270, 82.8463, 71.2092

Background



This preview shows how black text looks on a background with the XYZ color 60.2270, 82.8463, 71.2092.

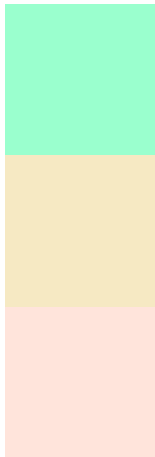


This preview shows how white text looks on a background with the XYZ color 60.2270, 82.8463,

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

60.2270, 82.8463, 71.2092

Protanopia

76.9953, 81.8108, 63.3627

Deuteranopia

81.7696, 81.8613, 78.5089



Tritanopia

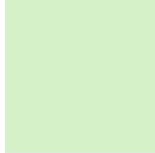
72.3078, 82.3264, 106.6873

Trichromacy



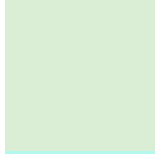
Original Color

60.2270, 82.8463, 71.2092



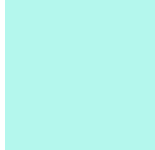
Protanomaly

69.2047, 81.1802, 66.0547



Deuteranomaly

71.6256, 80.9095, 75.4604



Tritanomaly

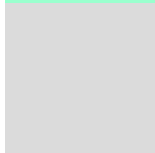
67.3692, 82.3393, 92.4631

Monochromacy



Original Color

60.2270, 82.8463, 71.2092



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 60.2270, 82.8463, 71.2092 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(154, 255, 206)` looks like.

```
.text, #text, p{  
    color:rgb(154, 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(154, 255, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 255, 206) }
```

Border

The CSS property to change the border of an element to XYZ 60.2270, 82.8463, 71.2092 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(154, 255, 206) }
```


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

```
.border{ border-color:rgb(154, 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(154, 255, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 255, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 255, 206);  
box-shadow:4px 4px 4px 4px rgb(154, 255,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 60.2270, 82.8463, 71.2092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 255, 206) }
```

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

```
.background{ background-color: rgb(154,  
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](#).

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