

Converting Colors

XYZ(60.4050, 82.8956, 73.1360)

Have a look what the booklet for
XYZ(60.4050, 82.8956, 73.1360)
contains.

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Color

**XYZ(60.4055, 82.8958,
73.1384)**

Conversions

Conversions Part 1

Format	Color
Hex	99FFD1
RGB	153, 255, 209
RGB Percent	60%, 100%, 82%
CMY	0.4000, 0.0000, 0.1804
CMYK	0.40, 0.00, 0.18, 0.00
HSL	153°, 100%, 80%
HSV	153°, 40%, 100%
XYZ	60.4055, 82.8958, 73.1384
YIQ	219.2580, -46.0260, -35.9300

Conversions

Conversions Part 2

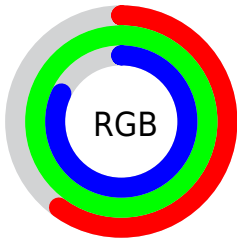
Format	Color
RYB	153, 219, 255
Decimal	10092497
CIELab	92.97, -39.81, 12.72
CIELCh	93, 41.794, 162.279
Yxy	82.8958, 0.2791, 0.3830
Android (android.graphics.Color)	4288282577 (0xFF99FFD1)
YUV	219.2580, -5.0572, -58.1083
Hunter-Lab	91.0471, -40.9061, 16.1052

Details

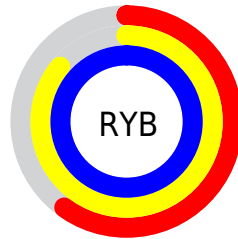
The XYZ color **60.4055, 82.8958, 73.1384** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **62.9405, 48.1668, 60.0129**, and the grayscale version is **67.5678, 71.0866, 77.4133**.

A 20% lighter version of the original color is **80.6740, 92.5889, 108.2272**, and **30.9343, 45.2415, 38.1124** is the 20% darker color. If you saturate the color by 10%, you get **54.7232, 80.1250, 65.7071**, and if you desaturate by 10%, it is **67.2205, 86.2385, 81.1620**.

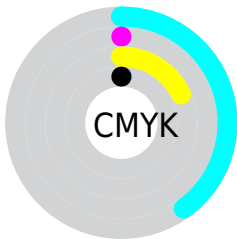
Distribution



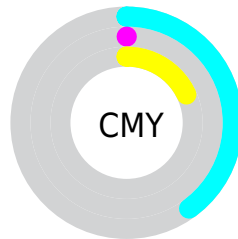
- Red (60%)
- Green (100%)
- Blue (82%)



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



- Cyan (40%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)




- Cyan (40%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.4055, 82.8958, 73.1384 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 60.4055, 82.8958, 73.1384 by changing the saturation by 10% instead.


 60.4055, 82.8958,
73.1384


 60.4055, 82.8958,
73.1384


415.9016,
504.6392, 490.5780

 43.9963, 62.1042,
53.5966


 104.5207,
137.4295, 125.3964

 30.8655, 45.1169,
37.8883


 132.9573,
171.9404, 158.9497

 20.6478, 31.5495,
25.5948


166.1338,
211.7932, 198.0106

 12.9778, 21.0176,
16.2977

204.4156,
257.3722, 242.9977

 7.4901, 13.1369,
9.5785

248.1678,
309.0620, 294.3294

 3.8195, 7.5229,
5.0184

297.7561,

 1.6005, 3.7912,

367.2468, 352.4243

2.1992

353.5455,
432.3111, 417.7010

■ 0.3928, 1.5575,
0.6739

■ 0.0000, 0.3287,
0.0000

■ 60.4055, 82.8958,
73.1384

■ 60.4055, 82.8958,
73.1384

■ 54.7232, 80.1250,
65.7071

■ 67.2205, 86.2385,
81.1620

■ 50.1030, 77.8902,
58.8494

■ 75.2283, 90.1840,
89.7874

■ 46.4697, 76.1528,
52.5517

■ 84.4872, 94.7622,
99.0295

■ 43.7365, 74.8683,
46.7977

95.0500, 100.0000,
108.9000

■ 41.8003, 73.9839,
41.5701

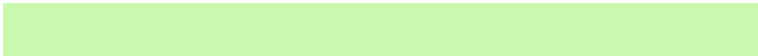
■ 40.4939, 73.4136,
36.8483

■ 40.4938, 73.4135,
36.8479

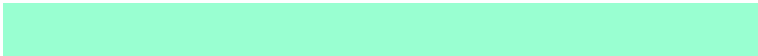
Harmonies

Analogous

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



65.4705, 82.8958, 52.6253



60.4055, 82.8958, 73.1384



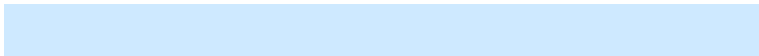
59.9736, 82.8958, 103.6858

Triad

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



60.4055, 82.8958, 73.1384



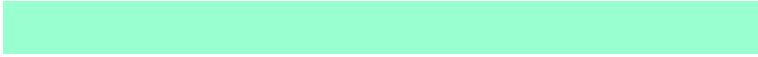
83.3483, 82.8958, 162.8377



95.3984, 82.8958, 55.4981

Complementary

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



60.4055, 82.8958, 73.1384



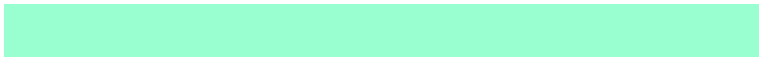
62.9405, 48.1668, 60.0129

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.



101.1800, 82.8958, 78.0452



60.4055, 82.8958, 73.1384



93.8035, 82.8958, 142.5640

Square

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



60.4055, 82.8958, 73.1384



72.5599, 82.8958, 160.6541



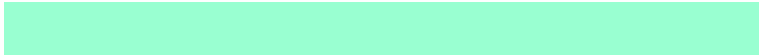
100.5707, 82.8958, 109.8633



85.3668, 82.8958, 44.1813

Rectangle

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



60.4055, 82.8958, 73.1384



62.3121, 82.8958, 126.4011



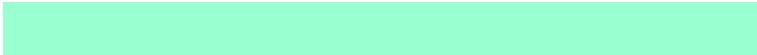
100.5707, 82.8958, 109.8633



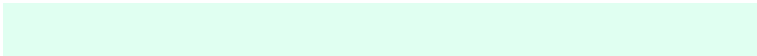
97.9434, 82.8958, 61.7611

Sweetspot

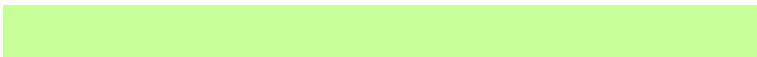
The Sweet Spot groups the original color and five complimentary colors.



60.4062, 82.8961, 73.1398



82.5317, 93.7941, 97.1302



65.4903, 86.1823, 43.3212



17.3979, 19.9436, 20.5274



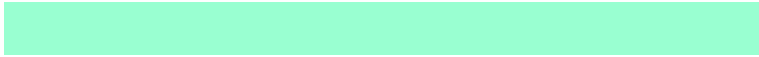
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



60.4062, 82.8961, 73.1398



55.7719, 80.6349, 67.1464



65.8723, 83.3624, 107.2265



18.1889, 20.3351, 21.2977



21.2353, 38.3907, 19.6560



2.1227, 3.7600, 2.2040

Inverse Universe

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



62.9405, 48.1668, 60.0129



58.6283, 41.5479, 52.3928



58.9461, 47.4722, 36.1943



18.3499, 18.1233, 20.4598



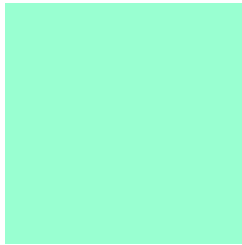
23.2385, 11.7847, 9.9065



2.3168, 1.1691, 1.2498

Previews

White Background



This preview shows how the XYZ color 60.4055, 82.8958, 73.1384 looks on a white background.

Color Contrast Check

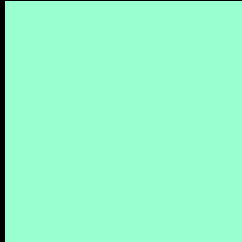
Large Text (above 18pt) WCAG AA × Fail

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 60.4055, 82.8958, 73.1384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

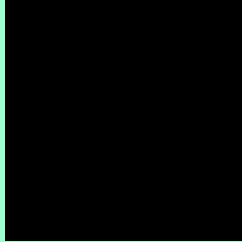
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.4055, 82.8958, 73.1384

Background



This preview shows how black text looks on a background with the XYZ color 60.4055, 82.8958, 73.1384.



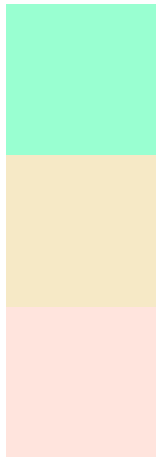
This preview shows how white text looks on a background with the XYZ color 60.4055, 82.8958,

73.1384.

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

60.4055, 82.8958, 73.1384

Protanopia

77.3380, 81.9479, 65.1675

Deuteranopia

82.0345, 81.9673, 79.9042



Tritanopia

72.3078, 82.3264, 106.6873

Trichromacy



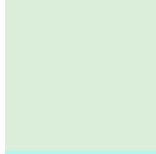
Original Color

60.4055, 82.8958, 73.1384



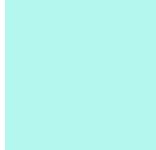
Protanomaly

69.2673, 81.1719, 67.8941



Deuteranomaly

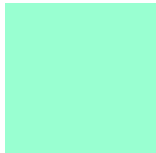
72.0124, 81.0643, 77.4971



Tritanomaly

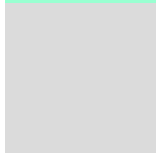
67.5158, 82.3979, 93.2348

Monochromacy



Original Color

60.4055, 82.8958, 73.1384



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 60.4055, 82.8958, 73.1384 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, 209)` looks like.

```
.text, #text, p{  
    color:rgb(153, 255, 209)  
}
```

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, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 255, 209) }
```

Border

The CSS property to change the border of an element to XYZ 60.4055, 82.8958, 73.1384 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, 209) }
```


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

```
.border{ border-color:rgb(153, 255, 209) }
```

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, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 255, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 255, 209);  
box-shadow:4px 4px 4px 4px rgb(153, 255,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 60.4055, 82.8958, 73.1384 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, 209) }
```

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

```
.background{ background-color: rgb(153,  
255, 209) }
```

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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