

Converting Colors

XYZ(60.3054, 82.7242, 78.5541)

Have a look what the booklet for
XYZ(60.3054, 82.7242, 78.5541)
contains.

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Color

**XYZ(60.3170, 82.7328,
78.4356)**

Conversions

Conversions Part 1

Format	Color
Hex	93FFD9
RGB	147, 255, 217
RGB Percent	58%, 100%, 85%
CMY	0.4235, 0.0000, 0.1490
CMYK	0.42, 0.00, 0.15, 0.00
HSL	159°, 100%, 79%
HSV	159°, 42%, 100%
XYZ	60.3170, 82.7328, 78.4356
YIQ	218.3760, -52.1700, -34.7140

Conversions

Conversions Part 2

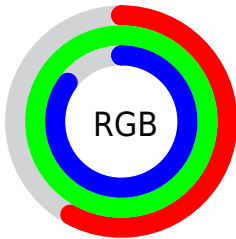
Format	Color
RYB	147, 213, 255
Decimal	9699289
CIELab	92.90, -39.71, 8.47
CIELCh	93, 40.606, 167.964
Yxy	82.7328, 0.2723, 0.3735
Android (android.graphics.Color)	4287889369 (0xFF93FFD9)
YUV	218.3760, -0.6784, -62.5968
Hunter-Lab	90.9576, -40.8064, 12.5427

Details

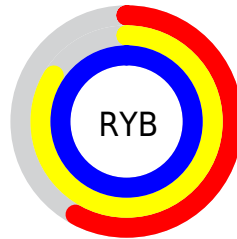
The XYZ color **60.3170, 82.7328, 78.4356** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **60.4313, 45.6312, 51.5222**, and the grayscale version is **66.9304, 70.4160, 76.6830**.

A 20% lighter version of the original color is **78.9868, 91.7191, 108.1483**, and **30.8355, 45.1206, 41.2664** is the 20% darker color. If you saturate the color by 10%, you get **55.1047, 80.1769, 72.2652**, and if you desaturate by 10%, it is **66.6078, 85.8373, 84.9904**.

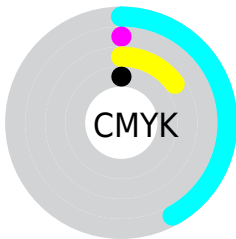
Distribution



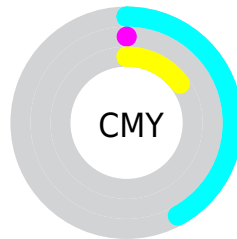
- Red (58%)
- Green (100%)
- Blue (85%)



- Red (58%)
- Yellow (84%)
- Blue (100%)



- Cyan (42%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)




- Cyan (42%)
- Magenta (0%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.3170, 82.7328, 78.4356 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 60.3170, 82.7328, 78.4356 by changing the saturation by 10% instead.


 60.3170, 82.7328,
78.4356


 60.3170, 82.7328,
78.4356


415.5813,
504.0956, 509.2120

 43.9246, 61.9697,
57.9133


 104.3931,
137.2012, 132.9555

 30.8089, 45.0083,
41.3247


 132.8076,
171.6753, 167.7901

 20.6045, 31.4639,
28.2513


165.9601,
211.4885, 208.2326

 12.9460, 20.9524,
18.2745

204.2160,
257.0253, 254.7015

 7.4681, 13.0892,
10.9758

247.9408,
308.6700, 307.6154

 3.8055, 7.4900,
5.9366

297.4997,

 1.5927, 3.7704,

366.8070, 367.3927

2.7384

353.2580,
431.8207, 434.4521

0.3876, 1.5460,
0.9627

0.0000, 0.3208,
0.0000

60.3170, 82.7328,
78.4356

60.3170, 82.7328,
78.4356

55.1047, 80.1769,
72.2652

66.6078, 85.8373,
84.9904

50.8997, 78.1332,
66.4666

74.0371, 89.5212,
91.9335

47.6259, 76.5623,
61.0323

82.6634, 93.8147,
99.2739

45.1945, 75.4188,
55.9527

92.5401, 98.7452,
107.0190

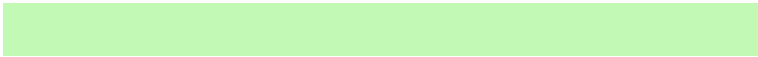
■ 43.4985, 74.6476, 95.0500, 100.0000,
51.2170 108.9000

■ 42.5770, 74.2468,
47.8180

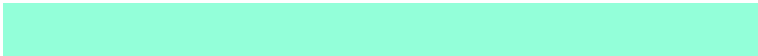
Harmonies

Analogous

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



64.4308, 82.7328, 56.3402



60.3170, 82.7328, 78.4356



60.7758, 82.7328, 109.3368

Triad

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



60.3170, 82.7328, 78.4356



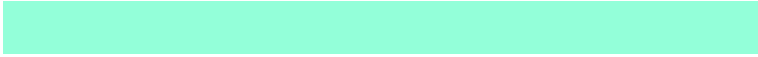
85.0985, 82.7328, 157.9012



93.1069, 82.7328, 53.2721

Complementary

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



60.3170, 82.7328, 78.4356



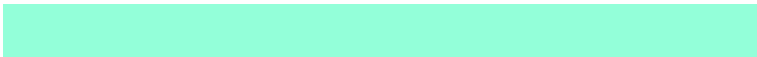
60.4313, 45.6312, 51.5222

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.



99.6893, 82.7328, 73.2318



60.3170, 82.7328, 78.4356



94.7871, 82.7328, 135.1585

Square

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



60.3170, 82.7328, 78.4356



74.4557, 82.7328, 160.1863



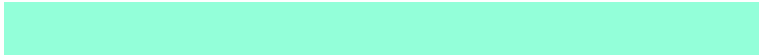
100.3304, 82.7328, 102.8276



82.9679, 82.7328, 44.1587

Rectangle

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



60.3170, 82.7328, 78.4356



63.6180, 82.7328, 131.0315



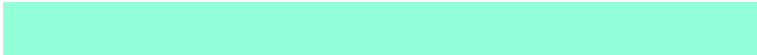
100.3304, 82.7328, 102.8276



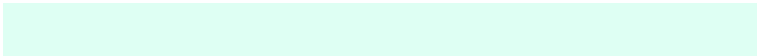
95.8468, 82.7328, 58.6992

Sweetspot

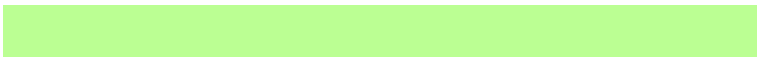
The Sweet Spot groups the original color and five complimentary colors.



60.3178, 82.7332, 78.4370



82.0668, 93.5173, 98.7859



61.4230, 84.1413, 40.6086



17.1393, 19.8041, 20.7913



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

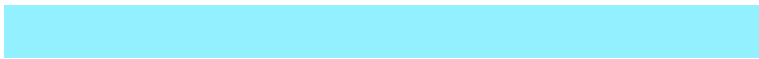
The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.3178, 82.7332, 78.4370



55.7489, 80.4917, 73.0775



61.4203, 76.0976, 106.0589



18.2675, 20.3665, 21.7118



22.3209, 38.8250, 25.3730



2.2252, 3.8010, 2.7436

Inverse Universe

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



60.4313, 45.6312, 51.5222



55.8901, 38.8437, 42.9338



59.3221, 48.9974, 33.9359



18.2733, 18.0926, 20.0563



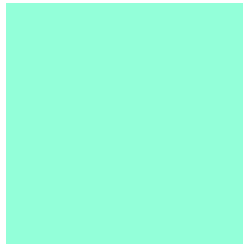
22.5706, 11.5175, 6.3894



2.2471, 1.1412, 0.8828

Previews

White Background



This preview shows how the XYZ color 60.3170, 82.7328, 78.4356 looks on a white background.

Color Contrast Check

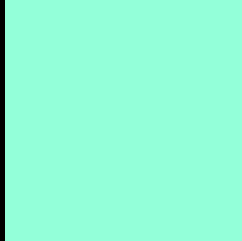
Large Text (above 18pt) WCAG AA × Fail

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 60.3170, 82.7328, 78.4356 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

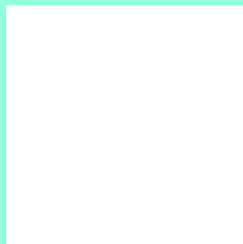
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.3170, 82.7328, 78.4356

Background



This preview shows how black text looks on a background with the XYZ color 60.3170, 82.7328, 78.4356.



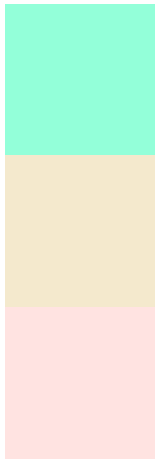
This preview shows how white text looks on a background with the XYZ color 60.3170, 82.7328,

78.4356.

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

60.3170, 82.7328, 78.4356

Protanopia

77.4666, 81.9187, 69.4866

Deuteranopia

82.2997, 81.6344, 82.6535



Tritanopia

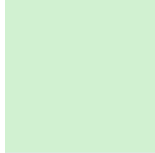
71.7944, 82.0617, 106.6633

Trichromacy



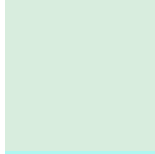
Original Color

60.3170, 82.7328, 78.4356



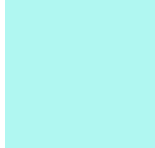
Protanomaly

69.2584, 81.0694, 72.3192



Deuteranomaly

71.7879, 80.4412, 80.8503



Tritanomaly

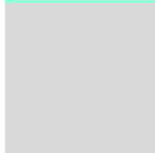
67.0424, 82.1025, 95.5329

Monochromacy



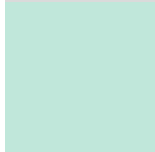
Original Color

60.3170, 82.7328, 78.4356



Achromatopsia

66.6397, 70.1102, 76.3500



Achromatomaly

62.9690, 73.4203, 77.1824

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3170, 82.7328, 78.4356 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(147, 255, 217)` looks like.

```
.text, #text, p{  
    color:rgb(147, 255, 217)  
}
```

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(147, 255, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 255, 217) }
```

Border

The CSS property to change the border of an element to XYZ 60.3170, 82.7328, 78.4356 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(147, 255, 217) }
```


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

```
.border{ border-color:rgb(147, 255, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 255, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 255, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 255, 217);  
box-shadow:4px 4px 4px 4px rgb(147, 255,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3170, 82.7328, 78.4356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 255, 217) }
```

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

```
.background{ background-color: rgb(147,  
255, 217) }
```

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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