

Converting Colors

XYZ(61.0035, 82.8717, 88.1841)

Have a look what the booklet for
XYZ(61.0035, 82.8717, 88.1841)
contains.

XYZ(60.9990, 82.8650, 88.3809)	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(60.9990, 82.8650,
88.3809)**

Conversions

Conversions Part 1

Format	Color
Hex	8CFFE7
RGB	140, 255, 231
RGB Percent	55%, 100%, 91%
CMY	0.4510, 0.0000, 0.0941
CMYK	0.45, 0.00, 0.09, 0.00
HSL	167°, 100%, 77%
HSV	167°, 45%, 100%
XYZ	60.9990, 82.8650, 88.3809
YIQ	217.8790, -60.8360, -31.8440

Conversions

Conversions Part 2

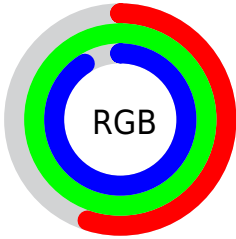
Format	Color
RYB	140, 204, 255
Decimal	9240551
CIELab	92.96, -38.35, 1.29
CIELCh	93, 38.371, 178.074
Yxy	82.8650, 0.2626, 0.3568
Android (android.graphics.Color)	4287430631 (0xFF8CFFE7)
YUV	217.8790, 6.4687, -68.2999
Hunter-Lab	91.0302, -39.6907, 6.1567

Details

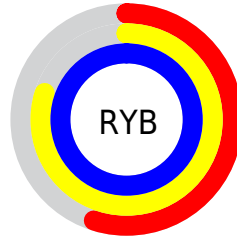
The XYZ color **60.9990, 82.8650, 88.3809** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **57.3196, 42.6976, 40.3432**, and the grayscale version is **66.5442, 70.0097, 76.2405**.

A 20% lighter version of the original color is **77.3632, 90.8821, 108.0723**, and **31.3388, 45.2282, 48.1525** is the 20% darker color. If you saturate the color by 10%, you get **56.4488, 80.6047, 84.3049**, and if you desaturate by 10%, it is **66.5694, 85.6484, 92.6267**.

Distribution



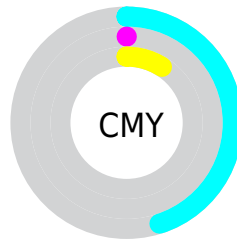
- Red (55%)
- Green (100%)
- Blue (91%)



- Red (55%)
- Yellow (80%)
- Blue (100%)



- Cyan (45%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)





- Cyan (45%)
- Magenta (0%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.9990, 82.8650, 88.3809 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 60.9990, 82.8650, 88.3809 by changing the saturation by 10% instead.


 60.9990, 82.8650,
88.3809


 60.9990, 82.8650,
88.3809


418.0463,
504.5365, 543.1834

 44.4769, 62.0788,
66.0724


 105.3756,
137.3864, 147.0031

 31.2451, 45.0964,
47.8744


 133.9608,
171.8903, 184.1540

 20.9383, 31.5333,
33.3681


167.2978,
211.7356, 227.0894

 13.1911, 21.0053,
22.1352

205.7519,
257.3067, 276.2279

 7.6382, 13.1279,
13.7570

249.6884,
308.9879, 331.9879

 3.9142, 7.5167,
7.8150

299.4727,

 1.6537, 3.7873,

367.1637, 394.7882

3.8907

355.4703,
432.2184, 465.0472

■ 0.4270, 1.5553,
1.5656

■ 0.0000, 0.3272,
0.2661

■ 60.9990, 82.8650,
88.3809

■ 60.9990, 82.8650,
88.3809

■ 56.4488, 80.6047,
84.3049

■ 66.5694, 85.6484,
92.6267

■ 52.8461, 78.8304,
80.3902

■ 73.2205, 88.9863,
97.0420

■ 50.1128, 77.5016,
76.6334

■ 81.0113, 92.9091,
101.6320

■ 48.1570, 76.5711,
73.0290

■ 89.9956, 97.4444,
106.4002

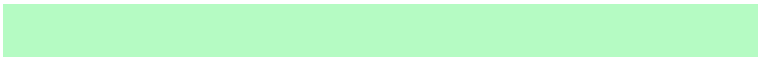
■ 46.8652, 75.9804, 95.0500, 100.0000,
69.5708 108.9000

■ 46.3952, 75.7741,
67.9245

Harmonies

Analogous

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



63.4856, 82.8650, 64.0327



60.9990, 82.8650, 88.3809



62.9254, 82.8650, 118.8273

Triad

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



60.9990, 82.8650, 88.3809



88.1999, 82.8650, 148.3295



89.4171, 82.8650, 50.9654

Complementary

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



60.9990, 82.8650, 88.3809



57.3196, 42.6976, 40.3432

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.



97.0519, 82.8650, 66.6271



60.9990, 82.8650, 88.3809



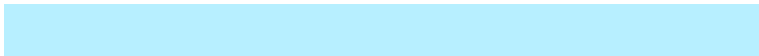
96.3083, 82.8650, 122.7354

Square

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



60.9990, 82.8650, 88.3809



78.1138, 82.8650, 157.5317



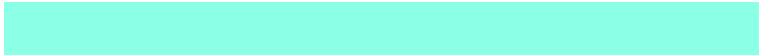
99.6735, 82.8650, 92.0964



79.4111, 82.8650, 45.4813

Rectangle

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



60.9990, 82.8650, 88.3809



66.5530, 82.8650, 137.9297



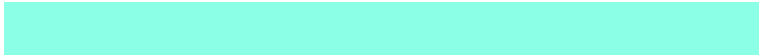
99.6735, 82.8650, 92.0964



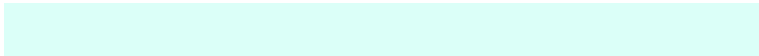
92.3768, 82.8650, 55.0251

Sweetspot

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



60.9999, 82.8654, 88.3823



81.9373, 93.3760, 102.1461



55.9942, 81.4043, 37.5738



17.1509, 19.7912, 21.6474



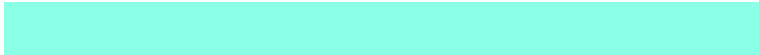
0.0000, 0.0000, 0.0000



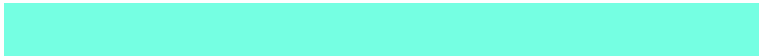
20.3446, 21.4041, 23.3091

Same Dimension

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



60.9999, 82.8654, 88.3823



56.9002, 80.8282, 84.7441



55.0982, 65.2605, 104.3003



18.3829, 20.4127, 22.3194



24.2989, 39.6161, 35.7887



2.4047, 3.8728, 3.6891

Inverse Universe

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



57.3196, 42.6976, 40.3432



52.8274, 36.1290, 31.3981



60.8382, 52.8821, 31.8131



18.1644, 18.0491, 19.4830



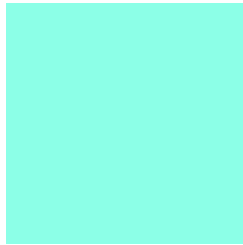
21.9303, 11.2614, 3.0174



2.1728, 1.1115, 0.4911

Previews

White Background



This preview shows how the XYZ color 60.9990, 82.8650, 88.3809 looks on a white background.

Color Contrast Check

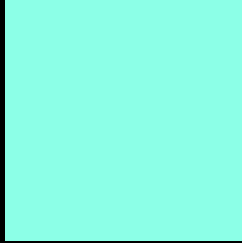
Large Text (above 18pt) WCAG AA × Fail

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 60.9990, 82.8650, 88.3809 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

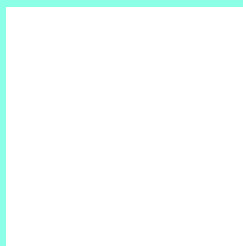
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.9990, 82.8650, 88.3809

Background



This preview shows how black text looks on a background with the XYZ color 60.9990, 82.8650, 88.3809.

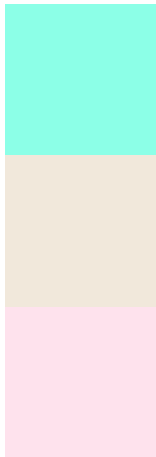


This preview shows how white text looks on a background with the XYZ color 60.9990, 82.8650,

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

60.9990, 82.8650, 88.3809

Protanopia

77.9184, 81.5285, 78.6477

Deuteranopia

83.3555, 81.5780, 91.4736



Tritanopia

71.5864, 82.3976, 106.7391

Trichromacy



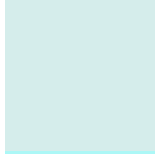
Original Color

60.9990, 82.8650, 88.3809



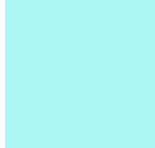
Protanomaly

69.3812, 80.4853, 81.6905



Deuteranomaly

72.7202, 80.7127, 90.3436



Tritanomaly

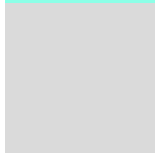
66.9086, 81.9460, 99.4795

Monochromacy



Original Color

60.9990, 82.8650, 88.3809



Achromatopsia

66.6397, 70.1102, 76.3500



Achromatomaly

63.1304, 73.4267, 80.6575

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.9990, 82.8650, 88.3809 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(140, 255, 231)` looks like.

```
.text, #text, p{  
    color:rgb(140, 255, 231)  
}
```

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(140, 255, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 255, 231) }
```

Border

The CSS property to change the border of an element to XYZ 60.9990, 82.8650, 88.3809 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(140, 255, 231) }
```


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

```
.border{ border-color:rgb(140, 255, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 255, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 255, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 255, 231);  
box-shadow:4px 4px 4px 4px rgb(140, 255,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 60.9990, 82.8650, 88.3809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 255, 231) }
```

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

```
.background{ background-color: rgb(140,  
255, 231) }
```

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