

Converting Colors

XYZ(77.7521, 117.7661,
88.0744)

Have a look what the booklet for
XYZ(77.7521, 117.7661, 88.0744)
contains.

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Color

**XYZ(60.1001, 82.5447,
81.8724)**

Conversions

Conversions Part 1

Format	Color
Hex	8EFFDE
RGB	142, 255, 222
RGB Percent	56%, 100%, 87%
CMY	0.4431, 0.0000, 0.1294
CMYK	0.44, 0.00, 0.13, 0.00
HSL	162°, 100%, 78%
HSV	162°, 44%, 100%
XYZ	60.1001, 82.5447, 81.8724
YIQ	217.4510, -56.7550, -34.2190

Conversions

Conversions Part 2

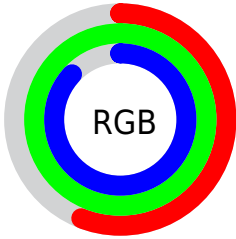
Format	Color
RYB	142, 208, 255
Decimal	9371614
CIELab	92.81, -39.87, 5.74
CIELCh	93, 40.284, 171.803
Yxy	82.5447, 0.2677, 0.3677
Android (android.graphics.Color)	4287561694 (0xFF8EFFDE)
YUV	217.4510, 2.2427, -66.1705
Hunter-Lab	90.8541, -40.9167, 10.1692

Details

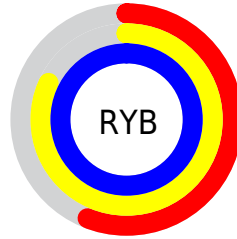
The XYZ color **60.1001, 82.5447, 81.8724** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **58.6514, 43.7021, 45.9021**, and the grayscale version is **66.2758, 69.7273, 75.9330**.

A 20% lighter version of the original color is **77.6294, 91.0194, 108.0847**, and **30.7364, 45.0172, 43.6284** is the 20% darker color. If you saturate the color by 10%, you get **55.2382, 80.1510, 76.5502**, and if you desaturate by 10%, it is **66.0085, 85.4726, 87.4765**.

Distribution



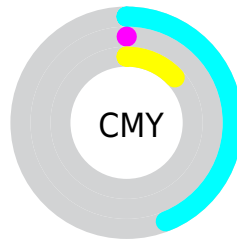
- Red (56%)
- Green (100%)
- Blue (87%)



- Red (56%)
- Yellow (82%)
- Blue (100%)



- Cyan (44%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)





- Cyan (44%)
- Magenta (0%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.1001, 82.5447, 81.8724 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 60.1001, 82.5447, 81.8724 by changing the saturation by 10% instead.


 60.1001, 82.5447,
81.8724


 60.1001, 82.5447,
81.8724


414.7955,
503.4679, 521.0930

 43.7491, 61.8146,
60.7252


 104.0804,
136.9376, 137.8301

 30.6704, 44.8829,
43.5743


 132.4404,
171.3692, 173.4777

 20.4986, 31.3652,
30.0012

165.5340,
211.1368, 214.7958

 12.8683, 20.8771,
19.5875

203.7268,
256.6247, 262.2029

 7.4143, 13.0342,
11.9144

247.3840,
308.2174, 316.1177

 3.7712, 7.4521,
6.5636

296.8709,

 1.5735, 3.7464,

366.2992, 376.9586

3.1164

352.5529,
431.2546, 445.1442

■ 0.3750, 1.5327,
1.1544

■ 0.0000, 0.3116,
0.0000

■ 60.1001, 82.5447,
81.8724

■ 60.1001, 82.5447,
81.8724

■ 55.2382, 80.1510,
76.5502

■ 66.0085, 85.4726,
87.4765

■ 51.3505, 78.2546,
71.4994

■ 73.0239, 88.9662,
93.3640

■ 48.3593, 76.8154,
66.7148

■ 81.2053, 93.0556,
99.5420

■ 46.1735, 75.7865,
62.1891

■ 90.6065, 97.7685,
106.0157

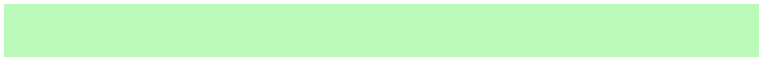
■ 44.6816, 75.1105, 95.0500, 100.0000,
57.9139 108.9000

■ 44.0527, 74.8371,
55.5887

Harmonies

Analogous

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



63.6174, 82.5447, 58.6193



60.1001, 82.5447, 81.8724



61.1438, 82.5447, 113.1407

Triad

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



60.1001, 82.5447, 81.8724



86.2066, 82.5447, 155.0601



91.6326, 82.5447, 51.6238

Complementary

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



60.1001, 82.5447, 81.8724



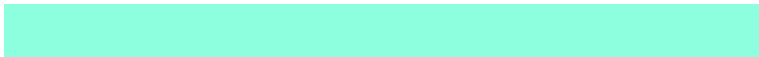
58.6514, 43.7021, 45.9021

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.



98.7622, 82.5447, 70.0433



60.1001, 82.5447, 81.8724



95.4398, 82.5447, 130.6421

Square

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



60.1001, 82.5447, 81.8724



75.6090, 82.5447, 160.2227



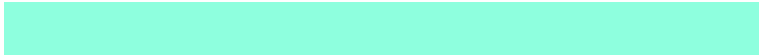
100.2144, 82.5447, 98.3873



81.3741, 82.5447, 43.8890

Rectangle

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



60.1001, 82.5447, 81.8724



64.3310, 82.5447, 134.2555



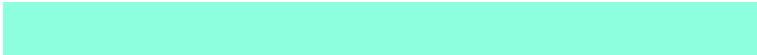
100.2144, 82.5447, 98.3873



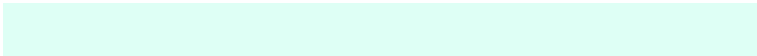
94.5112, 82.5447, 56.5457

Sweetspot

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



60.1010, 82.5451, 81.8738



82.3685, 93.6380, 100.3747



58.5251, 82.6918, 38.4689



17.2141, 19.8341, 21.1852



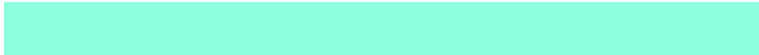
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



60.1010, 82.5451, 81.8738



55.8193, 80.4361, 77.2332



58.1754, 70.9101, 105.2286



18.3155, 20.3857, 21.9643



23.0868, 39.1313, 29.4059



2.2956, 3.8291, 3.1142

Inverse Universe

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



58.6514, 43.7021, 45.9021



54.2240, 37.1711, 37.2622



59.5063, 49.9802, 32.1032



18.2275, 18.0743, 19.8154



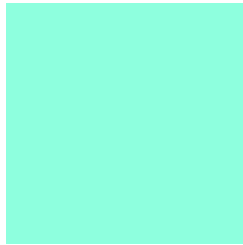
22.2589, 11.3929, 4.7480



2.2124, 1.1273, 0.7001

Previews

White Background



This preview shows how the XYZ color 60.1001, 82.5447, 81.8724 looks on a white background.

Color Contrast Check

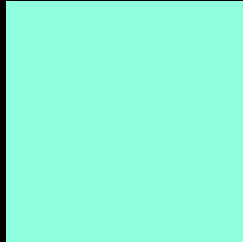
Large Text (above 18pt) WCAG AA × Fail

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 60.1001, 82.5447, 81.8724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

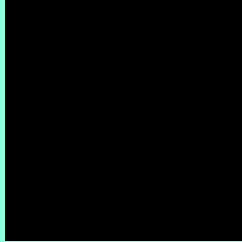
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.1001, 82.5447, 81.8724

Background



This preview shows how black text looks on a background with the XYZ color 60.1001, 82.5447, 81.8724.

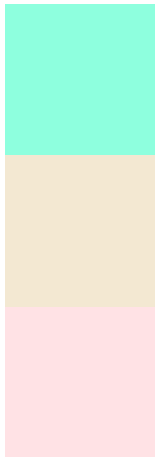


This preview shows how white text looks on a background with the XYZ color 60.1001, 82.5447,

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

60.1001, 82.5447, 81.8724

Protanopia

77.4516, 81.4211, 72.6065

Deuteranopia

82.5792, 81.3099, 85.4707



Tritanopia

71.2880, 81.8006, 106.6396

Trichromacy



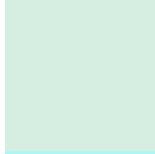
Original Color

60.1001, 82.5447, 81.8724



Protanomaly

68.7513, 80.2970, 75.4936



Deuteranomaly

71.7432, 80.3555, 83.6804



Tritanomaly

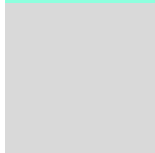
66.6720, 81.8768, 97.0838

Monochromacy



Original Color

60.1001, 82.5447, 81.8724



Achromatopsia

65.9525, 69.3872, 75.5626



Achromatomaly

62.5973, 73.2135, 77.8502

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1001, 82.5447, 81.8724 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(142, 255, 222)` looks like.

```
.text, #text, p{  
    color:rgb(142, 255, 222)  
}
```

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(142, 255, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 255, 222) }
```

Border

The CSS property to change the border of an element to XYZ 60.1001, 82.5447, 81.8724 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(142, 255, 222) }
```


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

```
.border{ border-color:rgb(142, 255, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 255, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 255, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 255, 222);  
box-shadow:4px 4px 4px 4px rgb(142, 255,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1001, 82.5447, 81.8724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 255, 222) }
```

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

```
.background{ background-color: rgb(142,  
255, 222) }
```

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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