

Converting Colors

XYZ(60.7093, 82.7540, 86.6353)

Have a look what the booklet for
XYZ(60.7093, 82.7540, 86.6353)
contains.

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Color

**XYZ(60.7181, 82.7526,
86.9014)**

Conversions

Conversions Part 1

Format	Color
Hex	8CFFE5
RGB	140, 255, 229
RGB Percent	55%, 100%, 90%
CMY	0.4510, 0.0000, 0.1020
CMYK	0.45, 0.00, 0.10, 0.00
HSL	166°, 100%, 77%
HSV	166°, 45%, 100%
XYZ	60.7181, 82.7526, 86.9014
YIQ	217.6510, -60.1940, -32.4660

Conversions

Conversions Part 2

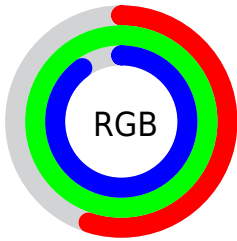
Format	Color
RYB	140, 205, 255
Decimal	9240549
CIELab	92.91, -38.80, 2.25
CIElCh	93, 38.865, 176.679
Yxy	82.7526, 0.2636, 0.3592
Android (android.graphics.Color)	4287430629 (0xFF8CFFE5)
YUV	217.6510, 5.5951, -68.0999
Hunter-Lab	90.9685, -40.0526, 7.0387

Details

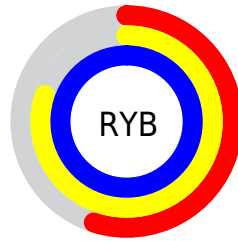
The XYZ color **60.7181, 82.7526, 86.9014** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **57.5018, 42.7706, 41.3023**, and the grayscale version is **66.3928, 69.8504, 76.0671**.

A 20% lighter version of the original color is **77.3632, 90.8821, 108.0723**, and **31.1423, 45.1496, 47.1178** is the 20% darker color. If you saturate the color by 10%, you get **56.1164, 80.4718, 82.5546**, and if you desaturate by 10%, it is **66.3439, 85.5582, 91.4385**.

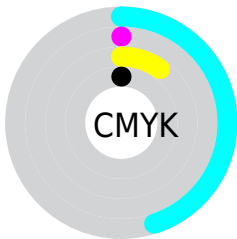
Distribution



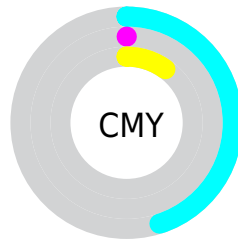
- Red (55%)
- Green (100%)
- Blue (90%)



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



- Cyan (45%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)





- Cyan (45%)
- Magenta (0%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.7181, 82.7526, 86.9014 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 60.7181, 82.7526, 86.9014 by changing the saturation by 10% instead.


 60.7181, 82.7526,
86.9014


 60.7181, 82.7526,
86.9014


417.0321,
504.1616, 538.2066

 44.2494, 61.9861,
64.8545


 104.9711,
137.2289, 144.9244

 31.0654, 45.0215,
46.8925


 133.4861,
171.7075, 181.7374

 20.8007, 31.4743,
32.5969


166.7472,
211.5255, 224.3097

 13.0900, 20.9603,
21.5493

205.1198,
257.0674, 273.0596

 7.5680, 13.0950,
13.3309

248.9692,
308.7176, 328.4057

 3.8692, 7.4940,
7.5234

298.6608,

 1.6284, 3.7729,

366.8604, 390.7665

3.7082

354.5600,
431.8803, 460.5606

0.4108, 1.5474,
1.4667

0.0000, 0.3217,
0.1929

60.7181, 82.7526,
86.9014

60.7181, 82.7526,
86.9014

56.1164, 80.4718,
82.5546

66.3439, 85.5582,
91.4385

52.4661, 78.6784,
78.3891

73.0542, 88.9198,
96.1658

49.6890, 77.3321,
74.4014

80.9083, 92.8679,
101.0889

47.6930, 76.3856,
70.5857

89.9599, 97.4302,
106.2114

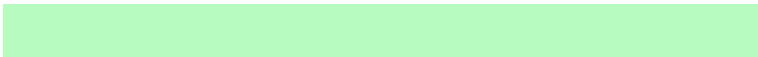
■ 46.3648, 75.7803, 95.0500, 100.0000,
66.9354 108.9000

■ 45.8782, 75.5673,
65.2017

Harmonies

Analogous

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



63.4326, 82.7526, 62.7309



60.7181, 82.7526, 86.9014



62.4572, 82.7526, 117.6320

Triad

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



60.7181, 82.7526, 86.9014



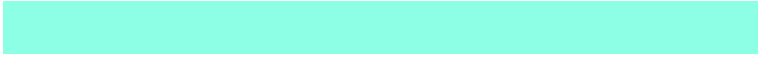
87.7557, 82.7526, 149.9131



89.8810, 82.7526, 50.9710

Complementary

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



60.7181, 82.7526, 86.9014



57.5018, 42.7706, 41.3023

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.



97.4333, 82.7526, 67.2444



60.7181, 82.7526, 86.9014



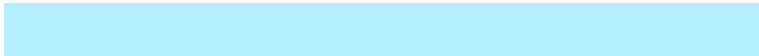
96.1339, 82.7526, 124.4653

Square

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



60.7181, 82.7526, 86.9014



77.5277, 82.7526, 158.2968



99.8137, 82.7526, 93.3833



79.7909, 82.7526, 44.9942

Rectangle

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



60.7181, 82.7526, 86.9014



65.9974, 82.7526, 137.2461



99.8137, 82.7526, 93.3833



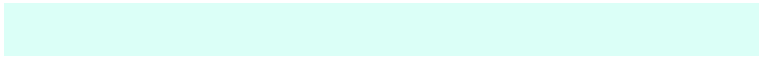
92.8330, 82.7526, 55.2203

Sweetspot

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



60.7190, 82.7531, 86.9028



81.8413, 93.3377, 101.6407



56.3957, 81.6113, 37.5927



17.1273, 19.7817, 21.5233



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

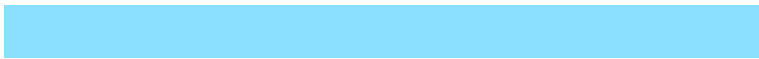
The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.7190, 82.7531, 86.9028



56.5733, 80.6974, 83.0223



55.6115, 66.2871, 104.4714



18.3688, 20.4070, 22.2450



24.0317, 39.5093, 34.3816



2.3809, 3.8633, 3.5634

Inverse Universe

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



57.5018, 42.7706, 41.3023



53.0158, 36.2044, 32.3901



60.4745, 52.1547, 31.6920



18.1775, 18.0543, 19.5520



21.9892, 11.2850, 3.3277



2.1802, 1.1145, 0.5305

Previews

White Background



This preview shows how the XYZ color 60.7181, 82.7526, 86.9014 looks on a white background.

Color Contrast Check

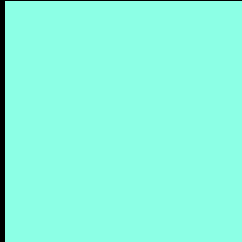
Large Text (above 18pt) WCAG AA × Fail

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 60.7181, 82.7526, 86.9014 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

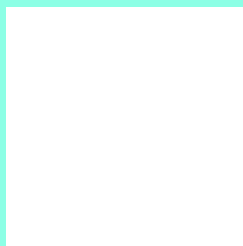
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.7181, 82.7526, 86.9014

Background



This preview shows how black text looks on a background with the XYZ color 60.7181, 82.7526, 86.9014.

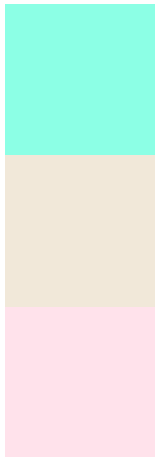


This preview shows how white text looks on a background with the XYZ color 60.7181, 82.7526,

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

60.7181, 82.7526, 86.9014

Protanopia

77.6566, 81.4238, 77.2691

Deuteranopia

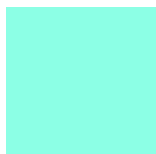
83.4318, 81.6509, 89.9601



Tritanopia

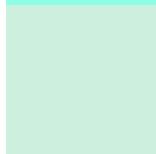
71.5864, 82.3976, 106.7391

Trichromacy



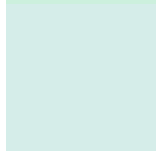
Original Color

60.7181, 82.7526, 86.9014



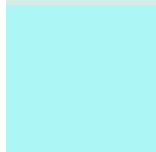
Protanomaly

69.1131, 80.3780, 80.2785



Deuteranomaly

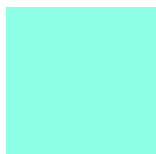
72.4327, 80.5977, 88.8301



Tritanomaly

66.9086, 81.9460, 99.4795

Monochromacy



Original Color

60.7181, 82.7526, 86.9014



Achromatopsia

66.6397, 70.1102, 76.3500



Achromatomaly

62.9959, 73.3729, 79.9494

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7181, 82.7526, 86.9014 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, 229)` looks like.

```
.text, #text, p{  
    color:rgb(140, 255, 229)  
}
```

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, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 255, 229) }
```

Border

The CSS property to change the border of an element to XYZ 60.7181, 82.7526, 86.9014 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, 229) }
```


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

```
.border{ border-color:rgb(140, 255, 229) }
```

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, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 255, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 255, 229);  
box-shadow:4px 4px 4px 4px rgb(140, 255,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7181, 82.7526, 86.9014 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, 229) }
```

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

```
.background{ background-color: rgb(140,  
255, 229) }
```

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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