

Converting Colors

XYZ(93.6154, 148.8678,
89.3066)

Have a look what the booklet for
XYZ(93.6154, 148.8678, 89.3066)
contains.

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Color

**XYZ(60.6788, 82.9193,
78.4526)**

Conversions

Conversions Part 1

Format	Color
Hex	95FFD9
RGB	149, 255, 217
RGB Percent	58%, 100%, 85%
CMY	0.4157, 0.0000, 0.1490
CMYK	0.42, 0.00, 0.15, 0.00
HSL	158°, 100%, 79%
HSV	158°, 42%, 100%
XYZ	60.6788, 82.9193, 78.4526
YIQ	218.9740, -50.9780, -34.2900

Conversions

Conversions Part 2

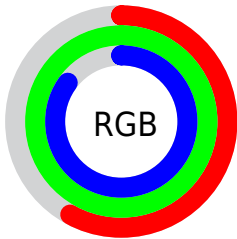
Format	Color
RYB	149, 214, 255
Decimal	9830361
CIELab	92.98, -39.21, 8.60
CIELCh	93, 40.139, 167.635
Yxy	82.9193, 0.2733, 0.3734
Android (android.graphics.Color)	4288020441 (0xFF95FFD9)
YUV	218.9740, -0.9732, -61.3672
Hunter-Lab	91.0600, -40.4097, 12.6608

Details

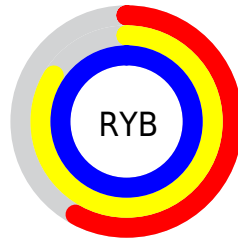
The XYZ color **60.6788, 82.9193, 78.4526** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **60.9577, 46.3437, 52.7466**, and the grayscale version is **67.3458, 70.8530, 77.1589**.

A 20% lighter version of the original color is **79.5421, 92.0054, 108.1742**, and **31.1293, 45.2721, 41.2801** is the 20% darker color. If you saturate the color by 10%, you get **55.3686, 80.3154, 72.1689**, and if you desaturate by 10%, it is **67.0750, 86.0754, 85.1337**.

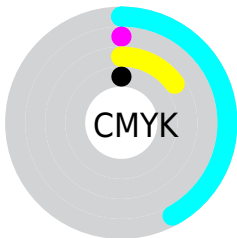
Distribution



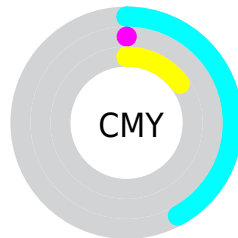
- Red (58%)
- Green (100%)
- Blue (85%)



- 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 60.6788, 82.9193, 78.4526 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 60.6788, 82.9193, 78.4526 by changing the saturation by 10% instead.


 60.6788, 82.9193,
78.4526


 60.6788, 82.9193,
78.4526


416.8901,
504.7175, 509.2711

 44.2176, 62.1236,
57.9272


 104.9145,
137.4624, 132.9796

 31.0402, 45.1326,
41.3358


 133.4196,
171.9786, 167.8183

 20.7815, 31.5619,
28.2599


166.6701,
211.8371, 208.2652

 13.0759, 21.0271,
18.2809

205.0313,
257.4223, 254.7388

 7.5582, 13.1438,
10.9803

248.8685,
309.1185, 307.6576

 3.8630, 7.5276,
5.9396

298.5471,

 1.6249, 3.7942,

367.3102, 367.4403

2.7402

354.4325,
432.3817, 434.5053

0.4086, 1.5591,
0.9636

0.0000, 0.3298,
0.0000

60.6788, 82.9193,
78.4526

60.6788, 82.9193,
78.4526

55.3686, 80.3154,
72.1689

67.0750, 86.0754,
85.1337

51.0736, 78.2273,
66.2698

74.6168, 89.8144,
92.2162

47.7184, 76.6164,
60.7473

83.3623, 94.1661,
99.7096

45.2152, 75.4375,
55.5916

93.3649, 99.1578,
107.6214

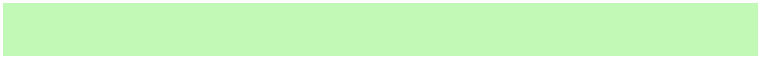
■ 43.4589, 74.6365, 95.0500, 100.0000,
50.7918 108.9000

■ 42.4236, 74.1854,
47.0101

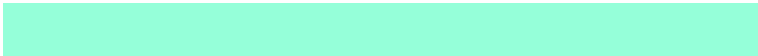
Harmonies

Analogous

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



64.8072, 82.9193, 56.6382



60.6788, 82.9193, 78.4526



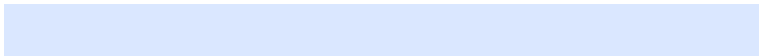
61.0835, 82.9193, 108.9730

Triad

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



60.6788, 82.9193, 78.4526



85.0928, 82.9193, 157.4156



93.2255, 82.9193, 53.9261

Complementary

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



60.6788, 82.9193, 78.4526



60.9577, 46.3437, 52.7466

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.



99.6770, 82.9193, 73.8659



60.6788, 82.9193, 78.4526



94.7023, 82.9193, 135.1573

Square

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



60.6788, 82.9193, 78.4526



74.5646, 82.9193, 159.4185



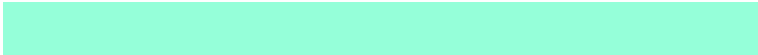
100.2403, 82.9193, 103.2511



83.2184, 82.9193, 44.7393

Rectangle

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



60.6788, 82.9193, 78.4526



63.8710, 82.9193, 130.4261



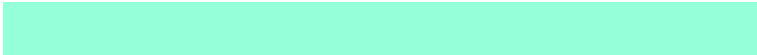
100.2403, 82.9193, 103.2511



95.9190, 82.9193, 59.3617

Sweetspot

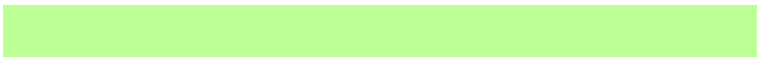
The Sweet Spot groups the original color and five complimentary colors.



60.6796, 82.9197, 78.4540



82.9584, 93.9648, 99.3769



61.8917, 84.3647, 41.4570



17.4984, 19.9838, 21.0567



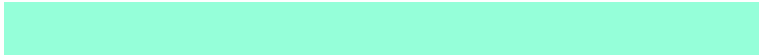
0.0000, 0.0000, 0.0000



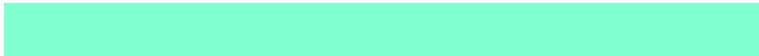
20.3446, 21.4041, 23.3091

Same Dimension

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



60.6796, 82.9197, 78.4540



56.1321, 80.6885, 73.1284



61.8609, 76.4418, 106.1021



18.2622, 20.3644, 21.6839



22.2412, 38.7931, 24.9530



2.2178, 3.7980, 2.7046

Inverse Universe

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



60.9577, 46.3437, 52.7466



56.4569, 39.5933, 44.3066



59.7864, 49.6727, 34.8717



18.2784, 18.0947, 20.0831



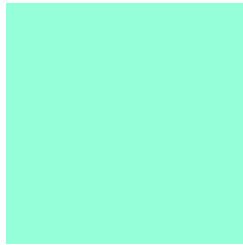
22.6093, 11.5330, 6.5933



2.2513, 1.1429, 0.9049

Previews

White Background



This preview shows how the XYZ color 60.6788, 82.9193, 78.4526 looks on a white background.

Color Contrast Check

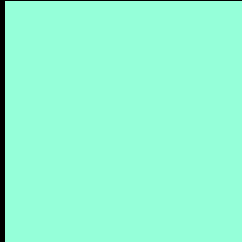
Large Text (above 18pt) WCAG AA × Fail

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 60.6788, 82.9193, 78.4526 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 60.6788, 82.9193, 78.4526

Background



This preview shows how black text looks on a background with the XYZ color 60.6788, 82.9193, 78.4526.



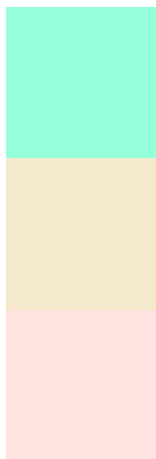
This preview shows how white text looks on a background with the XYZ color 60.6788, 82.9193,

78.4526.

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

60.6788, 82.9193, 78.4526

Protanopia

77.4666, 81.9187, 69.4866

Deuteranopia

82.2997, 81.6344, 82.6535



Tritanopia

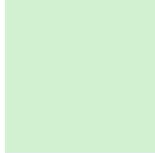
72.0503, 82.1936, 106.6752

Trichromacy



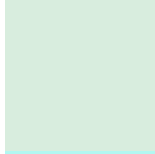
Original Color

60.6788, 82.9193, 78.4526



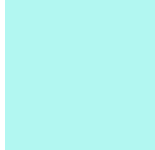
Protanomaly

69.2584, 81.0694, 72.3192



Deuteranomaly

71.7879, 80.4412, 80.8503



Tritanomaly

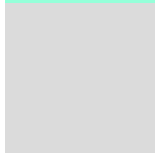
67.4980, 82.3374, 95.5543

Monochromacy



Original Color

60.6788, 82.9193, 78.4526



Achromatopsia

67.3311, 70.8376, 77.1421



Achromatomaly

63.7596, 74.2445, 77.2998

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.6788, 82.9193, 78.4526 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(149, 255, 217)` looks like.

```
.text, #text, p{  
    color:rgb(149, 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(149, 255, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 255, 217) }
```

Border

The CSS property to change the border of an element to XYZ 60.6788, 82.9193, 78.4526 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(149, 255, 217) }
```


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

```
.border{ border-color:rgb(149, 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(149, 255, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 255, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 255, 217);  
box-shadow:4px 4px 4px 4px rgb(149, 255,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 60.6788, 82.9193, 78.4526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 255, 217) }
```

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

```
.background{ background-color: rgb(149,  
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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