

Converting Colors

XYZ(59.7578, 81.9597, 76.7373)

Have a look what the booklet for
XYZ(59.7578, 81.9597, 76.7373)
contains.

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Color

**XYZ(59.9203, 82.0858,
76.9760)**

Conversions

Conversions Part 1

Format	Color
Hex	94FED7
RGB	148, 254, 215
RGB Percent	58%, 100%, 84%
CMY	0.4196, 0.0039, 0.1569
CMYK	0.42, 0.00, 0.15, 0.00
HSL	158°, 98%, 79%
HSV	158°, 42%, 100%
XYZ	59.9203, 82.0858, 76.9760
YIQ	217.8600, -50.6570, -34.6010

Conversions

Conversions Part 2

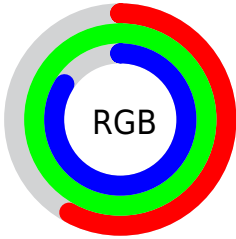
Format	Color
RYB	148, 213, 254
Decimal	9764567
CIELab	92.61, -39.43, 9.10
CIELCh	93, 40.466, 167.010
Yxy	82.0858, 0.2736, 0.3749
Android (android.graphics.Color)	4287954647 (0xFF94FED7)
YUV	217.8600, -1.4100, -61.2672
Hunter-Lab	90.6012, -40.4988, 13.0473

Details

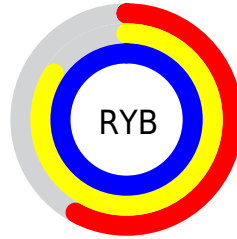
The XYZ color **59.9203, 82.0858, 76.9760** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **60.4354, 45.8406, 52.6797**, and the grayscale version is **66.5804, 70.0477, 76.2820**.

A 20% lighter version of the original color is **79.2636, 91.8618, 108.1612**, and **30.6258, 44.6947, 40.2705** is the 20% darker color. If you saturate the color by 10%, you get **54.6537, 79.5078, 70.6397**, and if you desaturate by 10%, it is **66.2680, 85.2176, 83.7246**.

Distribution



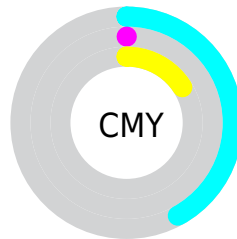
- Red (58%)
- Green (100%)
- Blue (84%)



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



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




- Cyan (42%)
- Magenta (0%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.9203, 82.0858, 76.9760 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 59.9203, 82.0858, 76.9760 by changing the saturation by 10% instead.


 59.9203, 82.0858,
76.9760


 59.9203, 82.0858,
76.9760

414.1434,
501.9346, 504.1177

 43.6036, 61.4363,
56.7217


 103.8210,
136.2943, 130.8783

 30.5556, 44.5773,
40.3740


 132.1358,
170.6221, 165.3634

 20.4108, 31.1246,
27.5143


165.1807,
210.2780, 205.4292

 12.8040, 20.6938,
17.7240

203.3209,
255.6466, 251.4943

 7.3698, 12.9004,
10.5846

246.9220,
307.1121, 303.9771

 3.7428, 7.3600,
5.6776

296.3492,

 1.5577, 3.6882,

365.0591, 363.2963

2.5845

351.9679,
429.8718, 429.8703

■ 0.3646, 1.5007,
0.8844

■ 0.0000, 0.2892,
0.0000

■ 59.9203, 82.0858,
76.9760

■ 59.9203, 82.0858,
76.9760

■ 54.6537, 79.5078,
70.6397

■ 66.2680, 85.2176,
83.7246

■ 50.3938, 77.4387,
64.7010

■ 73.7518, 88.9248,
90.8886

■ 47.0668, 75.8430,
59.1521

■ 82.4308, 93.2400,
98.4781

■ 44.5857, 74.6758,
53.9828

■ 92.3581, 98.1904,
106.5011

■ 42.8458, 73.8833,
49.1817

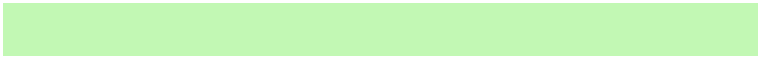
94.7333, 99.3665,
108.7944

■ 41.8362, 73.4437,
45.4794

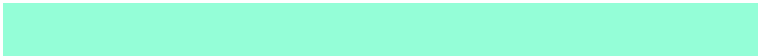
Harmonies

Analogous

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



64.1374, 82.0858, 55.4049



59.9203, 82.0858, 76.9760



60.2289, 82.0858, 107.4216

Triad

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



59.9203, 82.0858, 76.9760



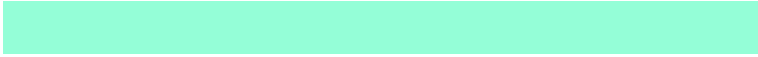
84.0895, 82.0858, 157.0211



92.6442, 82.0858, 53.3414

Complementary

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



59.9203, 82.0858, 76.9760



60.4354, 45.8406, 52.6797

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.



99.0094, 82.0858, 73.4763



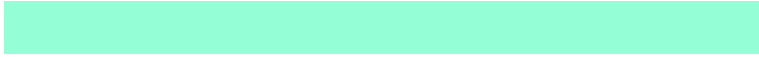
59.9203, 82.0858, 76.9760



93.7741, 82.0858, 134.9927

Square

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



59.9203, 82.0858, 76.9760



73.5603, 82.0858, 158.5578



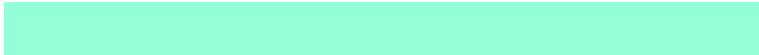
99.4406, 82.0858, 103.0442



82.6566, 82.0858, 43.9729

Rectangle

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



59.9203, 82.0858, 76.9760



62.9543, 82.0858, 128.9888



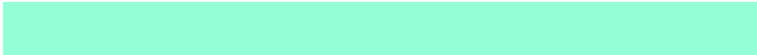
99.4406, 82.0858, 103.0442



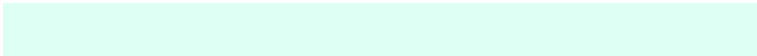
95.3160, 82.0858, 58.8397

Sweetspot

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



59.9226, 82.0891, 76.9779



81.9861, 93.4851, 98.3612



61.6851, 83.7972, 40.9416



17.1193, 19.7961, 20.6861



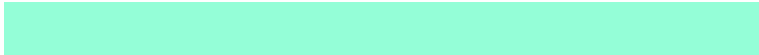
0.0000, 0.0000, 0.0000



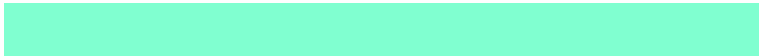
20.3446, 21.4041, 23.3091

Same Dimension

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



59.9226, 82.0891, 76.9779



55.9830, 80.6289, 72.3431



61.7478, 76.7411, 105.3278



18.2547, 20.3614, 21.6442



22.1293, 38.7483, 24.3637



2.2073, 3.7939, 2.6497

Inverse Universe

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



60.4354, 45.8406, 52.6797



56.5744, 39.6403, 44.9253



58.8553, 48.4800, 34.2738



18.2857, 18.0976, 20.1215



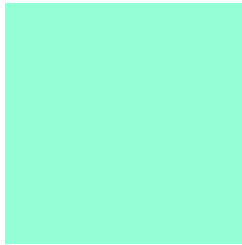
22.6660, 11.5557, 6.8915



2.2574, 1.1453, 0.9369

Previews

White Background



This preview shows how the XYZ color 59.9203, 82.0858, 76.9760 looks on a white background.

Color Contrast Check

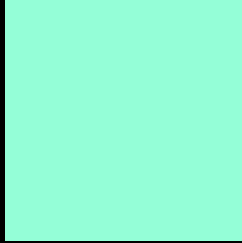
Large Text (above 18pt) WCAG AA × Fail

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 59.9203, 82.0858, 76.9760 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 59.9203, 82.0858, 76.9760

Background



This preview shows how black text looks on a background with the XYZ color 59.9203, 82.0858, 76.9760.

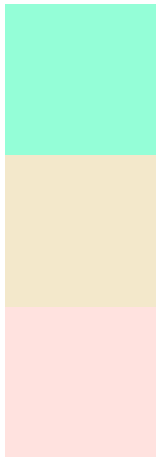


This preview shows how white text looks on a background with the XYZ color 59.9203, 82.0858,

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

59.9203, 82.0858, 76.9760

Protanopia

76.5983, 81.0797, 68.1127

Deuteranopia

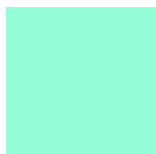
81.7556, 80.9804, 81.1338



Tritanopia

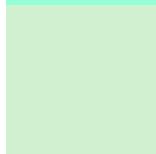
71.0373, 81.6714, 106.6278

Trichromacy



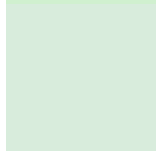
Original Color

59.9203, 82.0858, 76.9760



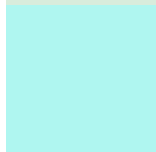
Protanomaly

68.4350, 80.2351, 70.9115



Deuteranomaly

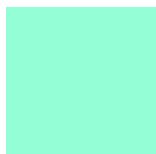
71.2326, 79.7571, 79.3505



Tritanomaly

66.3631, 81.3168, 94.6361

Monochromacy



Original Color

59.9203, 82.0858, 76.9760



Achromatopsia

66.6397, 70.1102, 76.3500



Achromatomaly

63.0926, 73.4990, 76.5070

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9203, 82.0858, 76.9760 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(148, 254, 215)` looks like.

```
.text, #text, p{  
    color:rgb(148, 254, 215)  
}
```

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(148, 254, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 254, 215) }
```

Border

The CSS property to change the border of an element to XYZ 59.9203, 82.0858, 76.9760 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(148, 254, 215) }
```


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

```
.border{ border-color:rgb(148, 254, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 254, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 254, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 254, 215);  
box-shadow:4px 4px 4px 4px rgb(148, 254,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9203, 82.0858, 76.9760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 254, 215) }
```

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

```
.background{ background-color: rgb(148,  
254, 215) }
```

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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