

Converting Colors

XYZ(59.2742, 80.0758, 77.8064)

Have a look what the booklet for
XYZ(59.2742, 80.0758, 77.8064)
contains.

XYZ(59.1044, 79.7705, 77.9278)	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(59.1044, 79.7705,
77.9278)**

Conversions

Conversions Part 1

Format	Color
Hex	95FAD9
RGB	149, 250, 217
RGB Percent	58%, 98%, 85%
CMY	0.4157, 0.0196, 0.1490
CMYK	0.40, 0.00, 0.13, 0.02
HSL	160°, 91%, 78%
HSV	160°, 40%, 98%
XYZ	59.1044, 79.7705, 77.9278
YIQ	216.0390, -49.6030, -31.6750

Conversions

Conversions Part 2

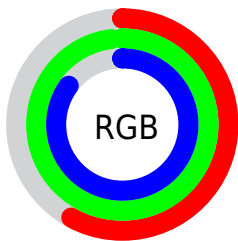
Format	Color
RYB	149, 209, 250
Decimal	9829081
CIELab	91.58, -36.94, 6.59
CIELCh	92, 37.524, 169.890
Yxy	79.7705, 0.2726, 0.3679
Android (android.graphics.Color)	4288019161 (0xFF95FAD9)
YUV	216.0390, 0.4738, -58.7932
Hunter-Lab	89.3143, -38.1764, 10.7888

Details

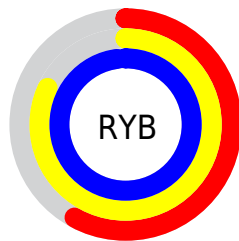
The XYZ color **59.1044, 79.7705, 77.9278** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **58.6179, 45.1983, 49.8936**, and the grayscale version is **65.3197, 68.7214, 74.8376**.

A 20% lighter version of the original color is **79.5421, 92.0054, 108.1742**, and **30.0052, 43.0239, 40.9054** is the 20% darker color. If you saturate the color by 10%, you get **53.9875, 77.2545, 72.2794**, and if you desaturate by 10%, it is **65.2573, 82.8187, 83.9027**.

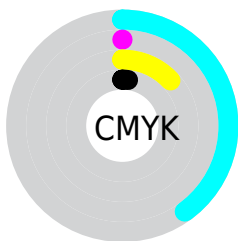
Distribution



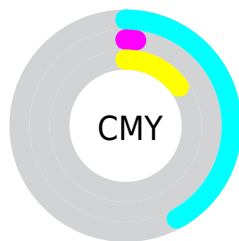
- Red (58%)
- Green (98%)
- Blue (85%)



- Red (58%)
- Yellow (82%)
- Blue (98%)



- Cyan (40%)
- Magenta (0%)
- Yellow (13%)
- Black (2%)





- Cyan (42%)
- Magenta (2%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.1044, 79.7705, 77.9278 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 59.1044, 79.7705, 77.9278 by changing the saturation by 10% instead.


 59.1044, 79.7705,
77.9278


 59.1044, 79.7705,
77.9278


411.1765,
494.1591, 507.4430

 42.9439, 59.5295,
57.4986


 102.6431,
133.0430, 132.2333

 30.0354, 43.0395,
40.9936

 130.7521,
166.8433, 166.9466

 20.0137, 29.9161,
27.9944


163.5745,
205.9322, 207.2584

 12.5133, 19.7749,
18.0825

201.4757,
250.6941, 253.5872

 7.1689, 12.2315,
10.8392

244.8212,
301.5133, 306.3515

 3.6153, 6.9016,
5.8460


293.9763,


 1.4869, 3.4006,


358.7743, 365.9699


2.6844


349.3063,
422.8614, 432.8609


 0.3169, 1.3443,
0.9355


 0.0000, 0.1751,
0.0000


 59.1044, 79.7705,
77.9278


 59.1044, 79.7705,
77.9278


 53.9875, 77.2545,
72.2794


 65.2573, 82.8187,
83.9027


 49.8360, 75.2280,
66.9452

 72.4978, 86.4193,
90.2052

 46.5806, 73.6577,
61.9196

 80.8822, 90.6033,
96.8434

 44.1397, 72.5014,
57.1946

 90.4605, 95.3966,
103.8235

■ 42.4158, 71.7090,
52.7616

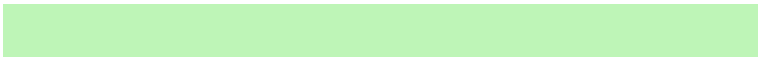
■ 93.4770, 96.8540,
108.3757

■ 41.2843, 71.2129,
48.7693

Harmonies

Analogous

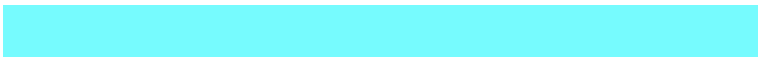
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



62.5956, 79.7705, 57.1293



59.1044, 79.7705, 77.9278



59.7950, 79.7705, 106.0530

Triad

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



59.1044, 79.7705, 77.9278



82.2554, 79.7705, 146.4534



88.3067, 79.7705, 52.4568

Complementary

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



59.1044, 79.7705, 77.9278



58.6179, 45.1983, 49.8936

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.



94.4780, 79.7705, 70.1287



59.1044, 79.7705, 77.9278



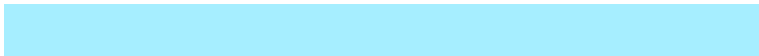
90.7858, 79.7705, 125.4364

Square

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



59.1044, 79.7705, 77.9278



72.6341, 79.7705, 149.7732



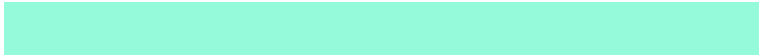
95.4216, 79.7705, 96.4424



79.0966, 79.7705, 44.6107

Rectangle

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



59.1044, 79.7705, 77.9278



62.5556, 79.7705, 125.2381



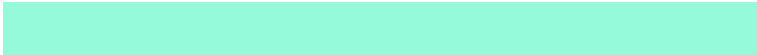
95.4216, 79.7705, 96.4424



90.8371, 79.7705, 57.2468

Sweetspot

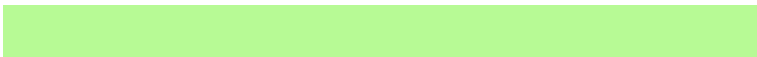
The Sweet Spot groups the original color and five complimentary colors.



59.1066, 79.7737, 77.9296



83.1062, 94.0239, 100.1556



59.0621, 80.5709, 40.8739



17.5333, 19.9977, 21.2404



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

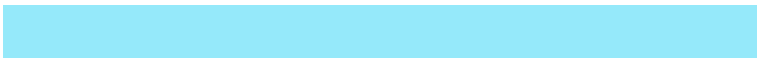
The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.1066, 79.7737, 77.9296



57.6363, 81.3806, 76.9640



58.8383, 71.6669, 101.1782



17.5105, 19.5065, 20.8887



21.9666, 37.7997, 26.2313



2.0832, 3.5204, 2.6861

Inverse Universe

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



58.6179, 45.1983, 49.8936



57.0765, 40.9272, 44.2212



58.4575, 49.7079, 34.9486



17.4784, 17.3187, 19.1091



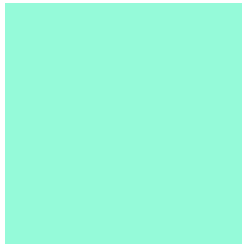
21.7721, 11.1245, 5.5081



2.0630, 1.0490, 0.7554

Previews

White Background



This preview shows how the XYZ color 59.1044, 79.7705, 77.9278 looks on a white background.

Color Contrast Check

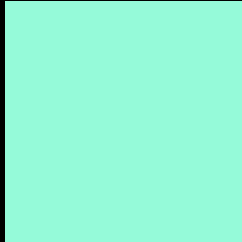
Large Text (above 18pt) WCAG AA × Fail

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 59.1044, 79.7705, 77.9278 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 59.1044, 79.7705, 77.9278

Background



This preview shows how black text looks on a background with the XYZ color 59.1044, 79.7705, 77.9278.

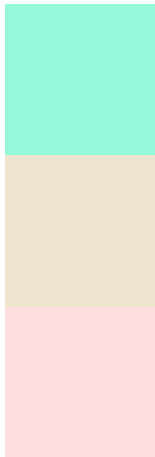


This preview shows how white text looks on a background with the XYZ color 59.1044, 79.7705,

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

59.1044, 79.7705, 77.9278

Protanopia

74.7565, 78.8456, 69.6711

Deuteranopia

80.3136, 78.6411, 80.7583



Tritanopia

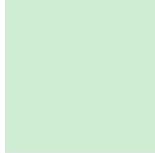
68.2661, 79.3639, 106.3285

Trichromacy



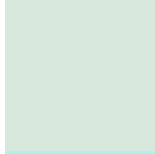
Original Color

59.1044, 79.7705, 77.9278



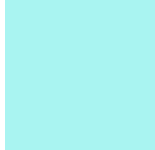
Protanomaly

67.3706, 78.3433, 72.5437



Deuteranomaly

70.2267, 77.5326, 79.6706



Tritanomaly

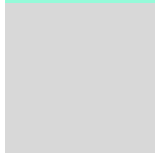
64.5901, 79.4873, 95.1574

Monochromacy



Original Color

59.1044, 79.7705, 77.9278



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

61.8763, 71.6511, 75.5346

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.1044, 79.7705, 77.9278 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, 250, 217)` looks like.

```
.text, #text, p{  
    color:rgb(149, 250, 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, 250, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 250, 217) }
```

Border

The CSS property to change the border of an element to XYZ 59.1044, 79.7705, 77.9278 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, 250, 217) }
```


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

```
.border{ border-color:rgb(149, 250, 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, 250, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 250, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 250, 217);  
box-shadow:4px 4px 4px 4px rgb(149, 250,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1044, 79.7705, 77.9278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 250, 217) }
```

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

```
.background{ background-color: rgb(149,  
250, 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](#).

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