

Converting Colors

XYZ(59.9144, 80.2801, 81.5589)

Have a look what the booklet for
XYZ(59.9144, 80.2801, 81.5589)
contains.

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Color

**XYZ(59.7648, 80.0347,
81.4055)**

Conversions

Conversions Part 1

Format	Color
Hex	95FADE
RGB	149, 250, 222
RGB Percent	58%, 98%, 87%
CMY	0.4157, 0.0196, 0.1294
CMYK	0.40, 0.00, 0.11, 0.02
HSL	163°, 91%, 78%
HSV	163°, 40%, 98%
XYZ	59.7648, 80.0347, 81.4055
YIQ	216.6090, -51.2080, -30.1200

Conversions

Conversions Part 2

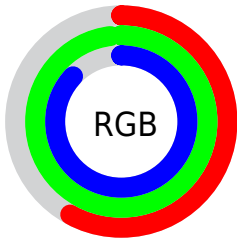
Format	Color
RYB	149, 208, 250
Decimal	9829086
CIELab	91.70, -35.87, 4.17
CIELCh	92, 36.111, 173.370
Yxy	80.0347, 0.2702, 0.3618
Android (android.graphics.Color)	4288019166 (0xFF95FADE)
YUV	216.6090, 2.6578, -59.2931
Hunter-Lab	89.4621, -37.3125, 8.6729

Details

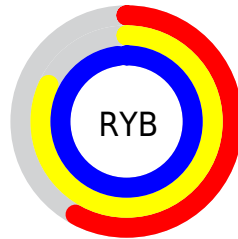
The XYZ color **59.7648, 80.0347, 81.4055** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **58.1103, 44.9952, 47.2201**, and the grayscale version is **65.6950, 69.1163, 75.2676**.

A 20% lighter version of the original color is **79.5421, 92.0054, 108.1742**, and **30.4586, 43.2053, 43.2933** is the 20% darker color. If you saturate the color by 10%, you get **54.7744, 77.5692, 76.4229**, and if you desaturate by 10%, it is **65.7769, 83.0265, 86.6388**.

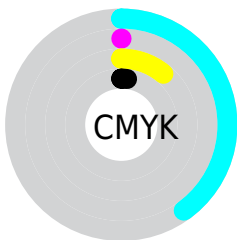
Distribution



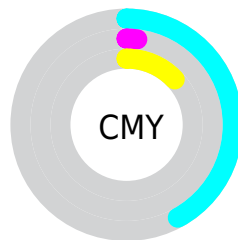
- Red (58%)
- Green (98%)
- Blue (87%)



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



- Cyan (40%)
- Magenta (0%)
- Yellow (11%)
- Black (2%)





- Cyan (42%)
- Magenta (2%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.7648, 80.0347, 81.4055 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 59.7648, 80.0347, 81.4055 by changing the saturation by 10% instead.


 59.7648, 80.0347,
81.4055


 59.7648, 80.0347,
81.4055


413.5789,
495.0498, 519.4881

 43.4778, 59.7469,
60.3427


 103.5967,
133.4145, 137.1692

 30.4563, 43.2147,
43.2678


 131.8723,
167.2753, 172.7071

 20.3350, 30.0536,
29.7623


164.8749,
206.4293, 213.9072

 12.7485, 19.8793,
19.4077

202.9697,
251.2607, 261.1879

 7.3314, 12.3073,
11.7855

246.5222,
302.1541, 314.9678

 3.7184, 6.9533,
6.4770

295.8976,

 1.5441, 3.4329,

359.4938, 375.6654

3.0638

351.4614,
423.6643, 443.6993

0.3555, 1.3617,
1.1273

0.0000, 0.1882,
0.0000

59.7648, 80.0347,
81.4055

59.7648, 80.0347,
81.4055

54.7744, 77.5692,
76.4229

65.7769, 83.0265,
86.6388

50.7351, 75.5877,
71.6801

72.8619, 86.5650,
92.1223

47.5783, 74.0568,
67.1733

81.0757, 90.6808,
97.8626

45.2224, 72.9345,
62.8961

90.4682, 95.3997,
103.8643

■ 43.5703, 72.1709,
58.8415

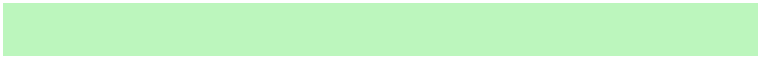
■ 93.4770, 96.8541,
108.3757

■ 42.4958, 71.6976,
55.1491

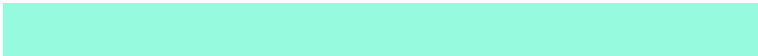
Harmonies

Analogous

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



62.6954, 80.0347, 60.1944



59.7648, 80.0347, 81.4055



60.9110, 80.0347, 108.9067

Triad

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



59.7648, 80.0347, 81.4055



83.3318, 80.0347, 142.6399



87.1612, 80.0347, 52.3806

Complementary

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



59.7648, 80.0347, 81.4055



58.1103, 44.9952, 47.2201

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.



93.5573, 80.0347, 68.4930



59.7648, 80.0347, 81.4055



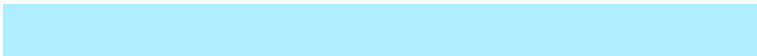
91.2244, 80.0347, 121.1329

Square

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



59.7648, 80.0347, 81.4055



74.0395, 80.0347, 148.0272



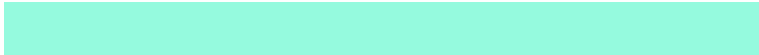
95.1013, 80.0347, 93.1464



78.1385, 80.0347, 45.7710

Rectangle

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



59.7648, 80.0347, 81.4055



63.8822, 80.0347, 126.9264



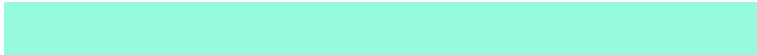
95.1013, 80.0347, 93.1464



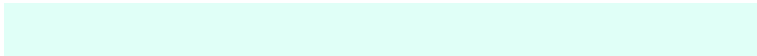
89.7184, 80.0347, 56.6865

Sweetspot

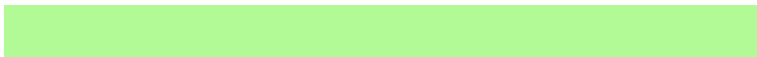
The Sweet Spot groups the original color and five complimentary colors.



59.7671, 80.0379, 81.4073



83.3385, 94.1168, 101.3787



57.8851, 79.9642, 40.8188



17.5882, 20.0197, 21.5291



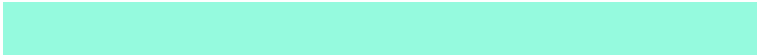
0.0000, 0.0000, 0.0000



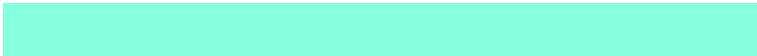
20.3446, 21.4041, 23.3091

Same Dimension

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



59.7671, 80.0379, 81.4073



58.4296, 81.6979, 81.1414



57.4277, 68.8456, 100.7080



17.5485, 19.5217, 21.0889



22.6043, 38.0547, 29.5894



2.1384, 3.5425, 2.9769

Inverse Universe

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



58.1103, 44.9952, 47.2201



56.5050, 40.6986, 41.2119



59.3925, 51.5779, 35.2602



17.4423, 17.3043, 18.9191



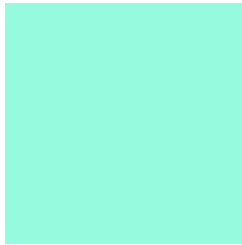
21.5389, 11.0313, 4.2804



2.0377, 1.0388, 0.6221

Previews

White Background



This preview shows how the XYZ color 59.7648, 80.0347, 81.4055 looks on a white background.

Color Contrast Check

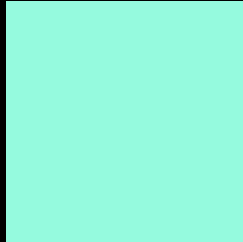
Large Text (above 18pt) WCAG AA × Fail

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 59.7648, 80.0347, 81.4055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

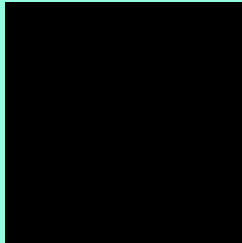
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.7648, 80.0347, 81.4055

Background



This preview shows how black text looks on a background with the XYZ color 59.7648, 80.0347, 81.4055.



This preview shows how white text looks on a background with the XYZ color 59.7648, 80.0347,

81.4055.

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

59.7648, 80.0347, 81.4055

Protanopia

75.3738, 79.0925, 72.9218

Deuteranopia

80.8993, 79.2594, 84.4335



Tritanopia

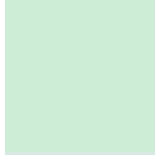
68.5015, 79.4853, 106.3395

Trichromacy



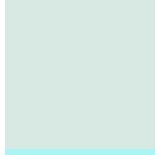
Original Color

59.7648, 80.0347, 81.4055



Protanomaly

68.0035, 78.5965, 75.8764



Deuteranomaly

70.8907, 78.2159, 83.3123



Tritanomaly

65.1059, 79.7185, 96.7498

Monochromacy



Original Color

59.7648, 80.0347, 81.4055



Achromatopsia

65.9525, 69.3872, 75.5626



Achromatomaly

62.5437, 72.3596, 77.6882

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.7648, 80.0347, 81.4055 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, 222)` looks like.

```
.text, #text, p{  
    color:rgb(149, 250, 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(149, 250, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 250, 222) }
```

Border

The CSS property to change the border of an element to XYZ 59.7648, 80.0347, 81.4055 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, 222) }
```


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

```
.border{ border-color:rgb(149, 250, 222) }
```

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, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 250, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 250, 222);  
box-shadow:4px 4px 4px 4px rgb(149, 250,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 59.7648, 80.0347, 81.4055 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, 222) }
```

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

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