

Converting Colors

XYZ(59.8776, 81.9529,
103.4195)

Have a look what the booklet for
XYZ(59.8776, 81.9529, 103.4195)
contains.

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Color

**XYZ(59.8254, 81.9328,
103.1040)**

Conversions

Conversions Part 1

Format	Color
Hex	71FFFA
RGB	113, 255, 250
RGB Percent	44%, 100%, 98%
CMY	0.5568, 0.0000, 0.0196
CMYK	0.56, 0.00, 0.02, 0.00
HSL	178°, 100%, 72%
HSV	178°, 56%, 100%
XYZ	59.8254, 81.9328, 103.1040
YIQ	211.9720, -83.0270, -31.6590

Conversions

Conversions Part 2

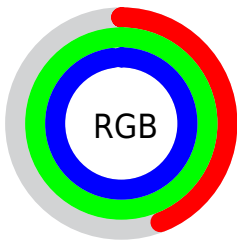
Format	Color
RYB	113, 185, 255
Decimal	7471098
CIELab	92.55, -39.37, -9.25
CIELCh	93, 40.438, 193.224
Yxy	81.9328, 0.2443, 0.3346
Android (android.graphics.Color)	4285661178 (0xFF71FFFA)
YUV	211.9720, 18.7478, -86.7984
Hunter-Lab	90.5167, -40.4279, -4.1732

Details

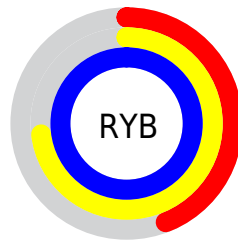
The XYZ color **59.8254, 81.9328, 103.1040** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **50.4162, 34.3800, 21.1200**, and the grayscale version is **62.4804, 65.7343, 71.5846**.

A 20% lighter version of the original color is **71.7145, 87.9701, 107.8079**, and **30.6248, 44.6405, 58.0413** is the 20% darker color. If you saturate the color by 10%, you get **56.8531, 80.4168, 102.2333**, and if you desaturate by 10%, it is **63.7221, 83.9253, 104.0244**.

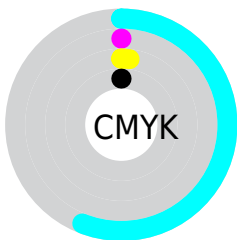
Distribution



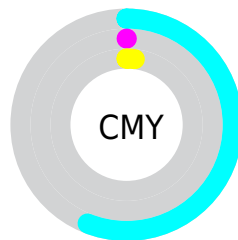
- Red (44%)
- Green (100%)
- Blue (98%)



- Red (44%)
- Yellow (73%)
- Blue (100%)



- Cyan (56%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)



- Cyan (56%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.8254, 81.9328, 103.1040 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 59.8254, 81.9328, 103.1040 by changing the saturation by 10% instead.


 59.8254, 81.9328,
103.1040


 59.8254, 81.9328,
103.1040


413.7990,
501.4229, 591.4307


 43.5268, 61.3101,
78.2641


 103.6841,
136.0798, 167.5052

 30.4950, 44.4755,
57.7732


 131.9750,
170.3729, 207.9036

 20.3646, 31.0445,
41.2128


 164.9941,
209.9916, 254.3252

 12.7701, 20.6327,
28.1645

203.1066,
255.3202, 307.1886

 7.3463, 12.8558,
18.2096

246.6780,
306.7433, 366.9123

 3.7279, 7.3293,
10.9295

296.0736,

 1.5494, 3.6689,

364.6452, 433.9149

5.9059

351.6588,
429.4103, 508.6148

0.3591, 1.4901,
2.7201

0.0000, 0.2818,
0.9535

59.8254, 81.9328,
103.1040

59.8254, 81.9328,
103.1040

56.8531, 80.4168,
102.2333

63.7221, 83.9253,
104.0244

54.7224, 79.3345,
101.4040

68.6098, 86.4287,
104.9932

53.3416, 78.6388,
100.6133

74.5533, 89.4762,
106.0149

52.5959, 78.2703,
99.8558

81.6106, 93.0978,
107.0923

■ 52.3982, 78.1753,
99.5357

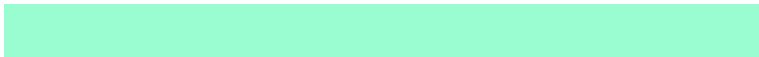
■ 89.8356, 97.3213,
108.2278

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



60.0976, 81.9328, 73.5387



59.8254, 81.9328, 103.1040



64.0681, 81.9328, 134.9645

Triad

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



59.8254, 81.9328, 103.1040



92.5379, 81.9328, 138.3331



83.8495, 81.9328, 44.5078

Complementary

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



59.8254, 81.9328, 103.1040



50.4162, 34.3800, 21.1200

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.



93.5346, 81.9328, 55.1784



59.8254, 81.9328, 103.1040



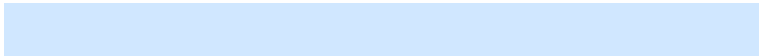
98.8514, 81.9328, 106.9651

Square

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



59.8254, 81.9328, 103.1040



82.5856, 81.9328, 158.1783



99.2317, 81.9328, 76.6255



73.3464, 81.9328, 43.9266

Rectangle

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



59.8254, 81.9328, 103.1040



69.1275, 81.9328, 151.4386



99.2317, 81.9328, 76.6255



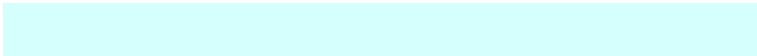
87.3302, 81.9328, 46.9019

Sweetspot

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



59.8266, 81.9334, 103.1055



80.6158, 92.5872, 106.9472



46.5016, 76.7131, 27.9811



16.9385, 19.6550, 22.8441



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.



59.8266, 81.9334, 103.1055



56.5263, 80.2504, 102.1217



43.5143, 48.0378, 101.5865



18.5256, 20.4698, 23.0708



27.3915, 40.8532, 52.0744



2.6753, 3.9811, 5.1141

Inverse Universe

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



50.4162, 34.3800, 21.1200



46.2744, 28.3649, 12.7455



59.9242, 53.8587, 22.8623



18.0353, 17.9974, 18.8030



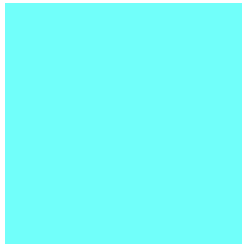
21.5857, 11.1236, 1.2027



2.1104, 1.0865, 0.1629

Previews

White Background



This preview shows how the XYZ color 59.8254, 81.9328, 103.1040 looks on a white background.

Color Contrast Check

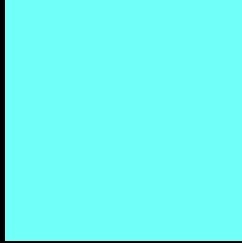
Large Text (above 18pt) WCAG AA × Fail

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 59.8254, 81.9328, 103.1040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

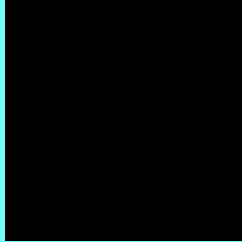
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.8254, 81.9328, 103.1040

Background



This preview shows how black text looks on a background with the XYZ color 59.8254, 81.9328, 103.1040.

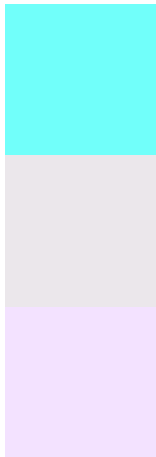


This preview shows how white text looks on a background with the XYZ color 59.8254, 81.9328,

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

59.8254, 81.9328, 103.1040

Protanopia

77.8323, 80.8122, 90.0934

Deuteranopia

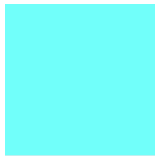
82.2085, 80.6674, 105.8453



Tritanopia

69.1566, 81.1449, 106.6253

Trichromacy



Original Color

59.8254, 81.9328, 103.1040



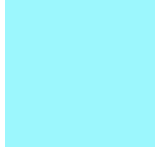
Protanomaly

68.3741, 79.6878, 94.2157



Deuteranomaly

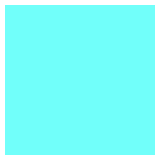
70.7788, 79.3960, 104.5230



Tritanomaly

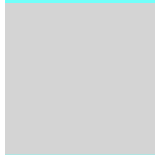
64.7007, 80.6813, 105.0915

Monochromacy



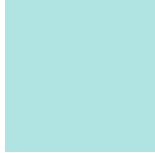
Original Color

59.8254, 81.9328, 103.1040



Achromatopsia

62.5785, 65.8375, 71.6970



Achromatomaly

59.3754, 70.2079, 82.3736

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8254, 81.9328, 103.1040 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(113, 255, 250)` looks like.

```
.text, #text, p{  
    color:rgb(113, 255, 250)  
}
```

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(113, 255, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 255, 250) }
```

Border

The CSS property to change the border of an element to XYZ 59.8254, 81.9328, 103.1040 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(113, 255, 250) }
```


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

```
.border{ border-color:rgb(113, 255, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 255, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 255, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 255, 250);  
box-shadow:4px 4px 4px 4px rgb(113, 255,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8254, 81.9328, 103.1040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 255, 250) }
```

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

```
.background{ background-color: rgb(113,  
255, 250) }
```

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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