

Converting Colors

XYZ(63.4448, 82.0818,
104.0894)

Have a look what the booklet for
XYZ(63.4448, 82.0818, 104.0894)
contains.

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Color

**XYZ(63.2375, 81.7990,
103.7226)**

Conversions

Conversions Part 1

Format	Color
Hex	8FFBFB
RGB	143, 251, 251
RGB Percent	56%, 98%, 98%
CMY	0.4392, 0.0157, 0.0157
CMYK	0.43, 0.00, 0.00, 0.02
HSL	180°, 93%, 77%
HSV	180°, 43%, 98%
XYZ	63.2375, 81.7990, 103.7226
YIQ	218.7080, -64.3680, -22.8960

Conversions

Conversions Part 2

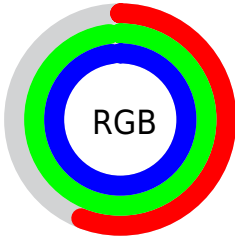
Format	Color
RYB	143, 197, 251
Decimal	9436155
CIELab	92.49, -31.11, -9.74
CIELCh	92, 32.605, 197.389
Yxy	81.7990, 0.2542, 0.3288
Android (android.graphics.Color)	4287626235 (0xFF8FFBFB)
YUV	218.7080, 15.9200, -66.3959
Hunter-Lab	90.4428, -33.4679, -4.6856

Details

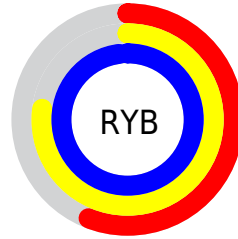
The XYZ color **63.2375, 81.7990, 103.7226** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **54.5669, 42.1399, 31.2475**, and the grayscale version is **67.0570, 70.5492, 76.8280**.

A 20% lighter version of the original color is **78.1671, 91.2966, 108.1099**, and **32.7094, 44.3627, 58.4687** is the 20% darker color. If you saturate the color by 10%, you get **59.3695, 79.8069, 103.5429**, and if you desaturate by 10%, it is **68.0824, 84.2986, 103.9516**.

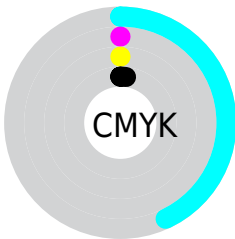
Distribution



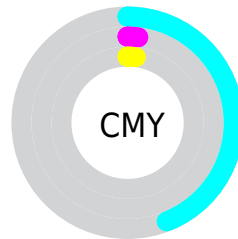
- Red (56%)
- Green (98%)
- Blue (98%)



- Red (56%)
- Yellow (77%)
- Blue (98%)



- Cyan (43%)
- Magenta (0%)
- Yellow (0%)
- Black (2%)



- Cyan (44%)
- Magenta (2%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.2375, 81.7990, 103.7226 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 63.2375, 81.7990, 103.7226 by changing the saturation by 10% instead.

63.2375, 81.7990,
103.7226

63.2375, 81.7990,
103.7226

426.0769,
500.9751, 593.4112

46.2927, 61.1999,
78.7789

108.5920,
135.8921, 168.3599

32.6825, 44.3865,
58.1938

137.7324,
170.1548, 208.8906

22.0414, 30.9745,
41.5487

171.6687,
209.7409, 255.4540

14.0041, 20.5794,
28.4252

210.7664,
255.0347, 308.4687

8.2052, 12.8169,
18.4046

255.3907,
306.4207, 368.3532

4.2795, 7.3026,
11.0684

305.9069,

1.8614, 3.6521,

364.2831, 435.5261

5.9981

362.6806,
429.0065, 510.4059

■ 0.5543, 1.4809,
2.7752

■ 0.0000, 0.2752,
0.9810

■ 63.2375, 81.7990,
103.7226

■ 63.2375, 81.7990,
103.7226

■ 59.3695, 79.8069,
103.5429

■ 68.0824, 84.2986,
103.9516

■ 56.4056, 78.2790,
103.4037

■ 73.9564, 87.3267,
104.2270

■ 54.2744, 77.1803,
103.3035

■ 80.9168, 90.9149,
104.5532

■ 52.8907, 76.4670,
103.2383

■ 89.0144, 95.0894,
104.9326

■ 52.1512, 76.0858,
103.2032

■ 93.1518, 97.2223,
105.1267

■ 51.9108, 75.9619,
103.1917

■ 93.1519, 97.2223,
105.1271

■ 93.1520, 97.2223,
105.1276

■ 93.1520, 97.2224,
105.1281

■ 93.1521, 97.2224,
105.1286

Harmonies

Analogous

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



62.9322, 81.7990, 79.2784



63.2375, 81.7990, 103.7226



67.2487, 81.7990, 127.9293

Triad

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



63.2375, 81.7990, 103.7226



90.3413, 81.7990, 124.4657



81.3525, 81.7990, 50.9062

Complementary

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



63.2375, 81.7990, 103.7226



54.5669, 42.1399, 31.2475

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.



89.2858, 81.7990, 58.9962



63.2375, 81.7990, 103.7226



94.7226, 81.7990, 99.6261

Square

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



63.2375, 81.7990, 103.7226



82.7098, 81.7990, 141.3164



94.3228, 81.7990, 75.8581



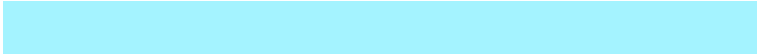
72.9877, 81.7990, 51.6015

Rectangle

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



63.2375, 81.7990, 103.7226



71.6609, 81.7990, 139.3512



94.3228, 81.7990, 75.8581



84.1693, 81.7990, 52.6168

Sweetspot

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



63.2399, 81.8022, 103.7245



83.8882, 94.2459, 108.3770



51.0996, 76.9823, 38.1545



17.5930, 19.9856, 23.1801



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.



63.2399, 81.8022, 103.7245



61.8923, 82.9066, 107.3457



49.1203, 53.5624, 99.0199



17.7659, 19.6086, 22.2337



27.2854, 39.9272, 54.2398



2.5271, 3.6979, 5.0236

Inverse Universe

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



54.5669, 42.1399, 31.2475



51.7866, 36.6927, 22.8965



64.3045, 61.6153, 34.4924



17.2447, 17.2252, 17.8784



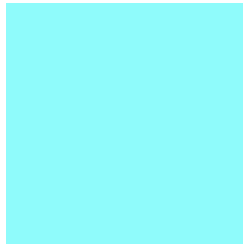
20.9119, 10.7805, 0.9788



1.9368, 0.9985, 0.0907

Previews

White Background



This preview shows how the XYZ color 63.2375, 81.7990, 103.7226 looks on a white background.

Color Contrast Check

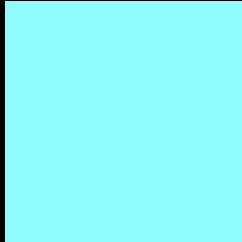
Large Text (above 18pt) WCAG AA × Fail

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 63.2375, 81.7990, 103.7226 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

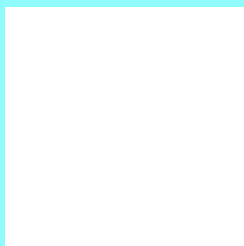
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.2375, 81.7990, 103.7226

Background



This preview shows how black text looks on a background with the XYZ color 63.2375, 81.7990, 103.7226.

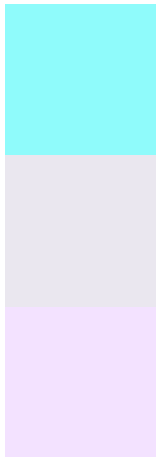


This preview shows how white text looks on a background with the XYZ color 63.2375, 81.7990,

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

63.2375, 81.7990, 103.7226

Protanopia

78.0876, 80.8762, 93.1564

Deuteranopia

82.2085, 80.6674, 105.8453



Tritanopia

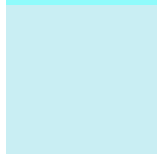
70.0518, 81.1634, 106.5817

Trichromacy



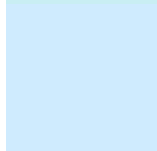
Original Color

63.2375, 81.7990, 103.7226



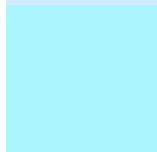
Protanomaly

70.8396, 80.0376, 96.5092



Deuteranomaly

73.3299, 79.8378, 105.3113



Tritanomaly

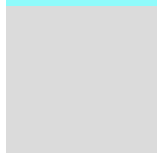
67.1194, 81.0066, 105.8642

Monochromacy



Original Color

63.2375, 81.7990, 103.7226



Achromatopsia

67.3311, 70.8376, 77.1421



Achromatomaly

64.4856, 73.9977, 86.4855

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.2375, 81.7990, 103.7226 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(143, 251, 251)` looks like.

```
.text, #text, p{  
    color:rgb(143, 251, 251)  
}
```

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(143, 251, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 251, 251) }
```

Border

The CSS property to change the border of an element to XYZ 63.2375, 81.7990, 103.7226 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(143, 251, 251) }
```


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

```
.border{ border-color:rgb(143, 251, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 251, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 251, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 251, 251);  
box-shadow:4px 4px 4px 4px rgb(143, 251,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 63.2375, 81.7990, 103.7226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 251, 251) }
```

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

```
.background{ background-color: rgb(143,  
251, 251) }
```

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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