

Converting Colors

XYZ(63.4568, 81.9160,
107.0746)

Have a look what the booklet for
XYZ(63.4568, 81.9160, 107.0746)
contains.

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Color

**XYZ(63.3624, 81.7898,
107.0552)**

Conversions

Conversions Part 1

Format	Color
Hex	8CFBFF
RGB	140, 251, 255
RGB Percent	55%, 98%, 100%
CMY	0.4510, 0.0157, 0.0000
CMYK	0.45, 0.02, 0.00, 0.00
HSL	182°, 100%, 77%
HSV	182°, 45%, 100%
XYZ	63.3624, 81.7898, 107.0552
YIQ	218.2670, -67.4400, -22.2880

Conversions

Conversions Part 2

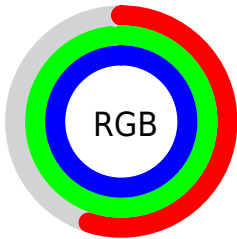
Format	Color
RYB	140, 196, 255
Decimal	9239551
CIELab	92.48, -30.81, -11.84
CIElCh	92, 33.005, 201.016
Yxy	81.7898, 0.2512, 0.3243
Android (android.graphics.Color)	4287429631 (0xFF8CFBFF)
YUV	218.2670, 18.1094, -68.6402
Hunter-Lab	90.4377, -33.2055, -6.8778

Details

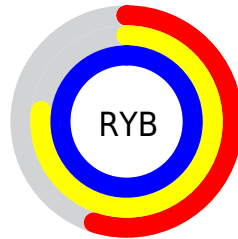
The XYZ color **63.3624, 81.7898, 107.0552** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **55.9474, 43.1004, 30.1834**, and the grayscale version is **66.7391, 70.2147, 76.4638**.

A 20% lighter version of the original color is **77.3632, 90.8821, 108.0723**, and **32.7093, 44.3231, 60.2573** is the 20% darker color. If you saturate the color by 10%, you get **59.2777, 79.2760, 106.7853**, and if you desaturate by 10%, it is **68.4483, 84.8255, 107.3731**.

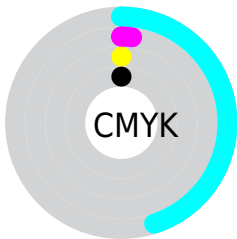
Distribution



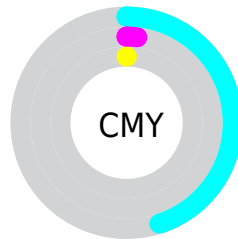
- Red (55%)
- Green (98%)
- Blue (100%)



- Red (55%)
- Yellow (77%)
- Blue (100%)



- Cyan (45%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (45%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.3624, 81.7898, 107.0552 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 63.3624, 81.7898, 107.0552 by changing the saturation by 10% instead.

63.3624, 81.7898,
107.0552

63.3624, 81.7898,
107.0552

426.5223,
500.9443, 604.0220

46.3942, 61.1923,
81.5559

108.7711,
135.8792, 172.9555

32.7629, 44.3804,
60.4659

137.9422,
170.1399, 214.1936

22.1033, 30.9697,
43.3665

171.9117,
209.7237, 261.5151

14.0498, 20.5757,
29.8393

211.0450,
255.0151, 315.3385

8.2373, 12.8142,
19.4656

255.7073,
306.3985, 376.0823

4.3002, 7.3008,
11.8270

306.2641,

1.8733, 3.6509,

364.2582, 444.1652

6.5049

363.0806,
428.9787, 520.0055

■ 0.5613, 1.4803,
3.0807

■ 0.0000, 0.2748,
1.1360

■ 63.3624, 81.7898,
107.0552

■ 63.3624, 81.7898,
107.0552

■ 59.2777, 79.2760,
106.7853

■ 68.4483, 84.8255,
107.3731

■ 56.1178, 77.2390,
106.5586

■ 74.5919, 88.4064,
107.7405

■ 53.8062, 75.6412,
106.3721

■ 81.8532, 92.5655,
108.1606

■ 52.2511, 74.4353,
106.2213

■ 90.2859, 97.3304,
108.6358

■ 51.3394, 73.5630, 95.0500, 100.0000,
106.1010 108.9000

■ 51.0481, 73.2163,
106.0494

Harmonies

Analogous

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



62.5863, 81.7898, 81.8941



63.3624, 81.7898, 107.0552



67.8357, 81.7898, 130.9585

Triad

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



63.3624, 81.7898, 107.0552



91.2496, 81.7898, 122.1286



80.3378, 81.7898, 50.1336

Complementary

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



63.3624, 81.7898, 107.0552



55.9474, 43.1004, 30.1834

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.



88.5615, 81.7898, 57.2054



63.3624, 81.7898, 107.0552



95.1584, 81.7898, 96.6221

Square

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



63.3624, 81.7898, 107.0552



83.7931, 81.7898, 140.7114



94.1401, 81.7898, 73.1951



71.9833, 81.7898, 51.8976

Rectangle

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



63.3624, 81.7898, 107.0552



72.5057, 81.7898, 141.4886



94.1401, 81.7898, 73.1951



83.2177, 81.7898, 51.4997

Sweetspot

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



63.3646, 81.7929, 107.0557



82.7193, 93.0577, 108.2099



51.5978, 79.1046, 38.8701



17.3432, 19.7123, 23.1407



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.



63.3646, 81.7929, 107.0557



59.6790, 79.5278, 106.8127



48.0844, 51.2325, 101.9623



18.4976, 20.3668, 23.2062



26.6978, 38.3053, 55.4211



2.6157, 3.7622, 5.4016

Inverse Universe

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



68.0321, 46.9830, 96.7532



64.9254, 40.9682, 95.1052



66.9390, 65.0836, 33.8473



18.7638, 18.2888, 22.6393



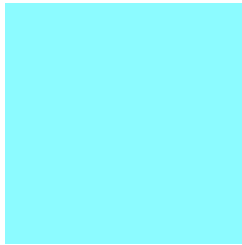
30.2640, 14.5949, 46.9023



2.9549, 1.4243, 4.6100

Previews

White Background



This preview shows how the XYZ color 63.3624, 81.7898, 107.0552 looks on a white background.

Color Contrast Check

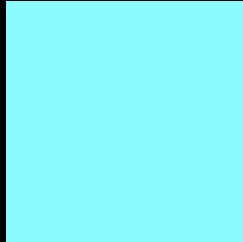
Large Text (above 18pt) WCAG AA × Fail

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 63.3624, 81.7898, 107.0552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

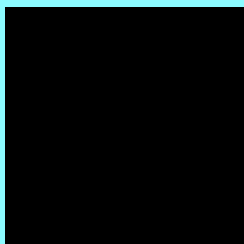
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

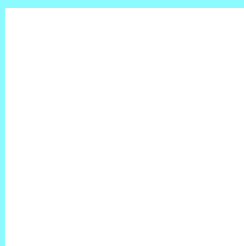
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.3624, 81.7898, 107.0552

Background



This preview shows how black text looks on a background with the XYZ color 63.3624, 81.7898, 107.0552.

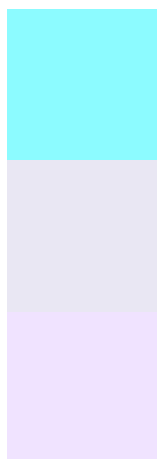


This preview shows how white text looks on a background with the XYZ color 63.3624, 81.7898,

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

63.3624, 81.7898, 107.0552

Protanopia

78.3578, 80.9465, 96.2884

Deuteranopia

81.4543, 80.6834, 105.8881



Tritanopia

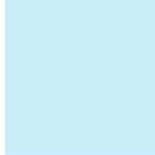
69.8097, 81.0385, 106.5704

Trichromacy



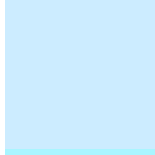
Original Color

63.3624, 81.7898, 107.0552



Protanomaly

70.9162, 80.0066, 99.7008



Deuteranomaly

72.9473, 80.0483, 106.2139



Tritanomaly

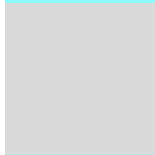
67.0646, 80.9598, 106.6999

Monochromacy



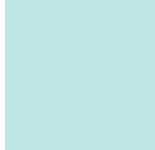
Original Color

63.3624, 81.7898, 107.0552



Achromatopsia

66.6397, 70.1102, 76.3500



Achromatomaly

63.9558, 73.3103, 86.3808

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.3624, 81.7898, 107.0552 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(140, 251, 255)` looks like.

```
.text, #text, p{  
    color:rgb(140, 251, 255)  
}
```

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(140, 251, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 251, 255) }
```

Border

The CSS property to change the border of an element to XYZ 63.3624, 81.7898, 107.0552 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(140, 251, 255) }
```


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

```
.border{ border-color:rgb(140, 251, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 251, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 251, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 251, 255);  
box-shadow:4px 4px 4px 4px rgb(140, 251,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 63.3624, 81.7898, 107.0552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 251, 255) }
```

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

```
.background{ background-color: rgb(140,  
251, 255) }
```

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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