

Converting Colors

XYZ(63.5352, 78.7885,
110.5967)

Have a look what the booklet for
XYZ(63.5352, 78.7885, 110.5967)
contains.

XYZ(62.6134, 78.2173, 106.4051)	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(62.6134, 78.2173,
106.4051)**

Conversions

Conversions Part 1

Format	Color
Hex	94F4FF
RGB	148, 244, 255
RGB Percent	58%, 96%, 100%
CMY	0.4196, 0.0431, 0.0000
CMYK	0.42, 0.04, 0.00, 0.00
HSL	186°, 100%, 79%
HSV	186°, 42%, 100%
XYZ	62.6134, 78.2173, 106.4051
YIQ	216.5500, -60.7470, -16.9310

Conversions

Conversions Part 2

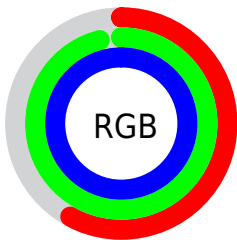
Format	Color
R_{YB}	148, 199, 255
Decimal	9762047
CIE _{Lab}	90.88, -25.63, -14.20
CIE _{LCh}	91, 29.298, 208.985
Yxy	78.2173, 0.2533, 0.3164
Android (android.graphics.Color)	4287952127 (0xFF94F4FF)
YUV	216.5500, 18.9559, -60.1183
Hunter-Lab	88.4405, -28.3980, -9.4249

Details

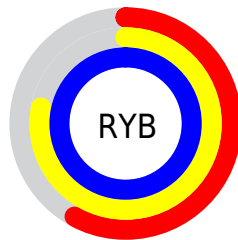
The XYZ color **62.6134, 78.2173, 106.4051** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **58.9838, 48.1946, 34.2125**, and the grayscale version is **65.5516, 68.9654, 75.1033**.

A 20% lighter version of the original color is **79.5421, 92.0054, 108.1742**, and **32.2961, 42.1675, 59.8630** is the 20% darker color. If you saturate the color by 10%, you get **57.7166, 74.5325, 105.9520**, and if you desaturate by 10%, it is **68.5415, 82.4542, 106.9105**.

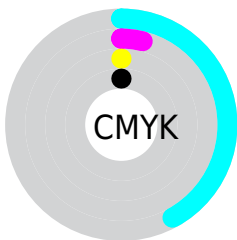
Distribution



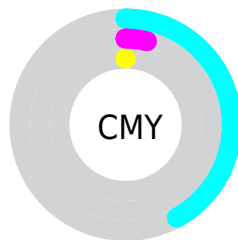
- Red (58%)
- Green (96%)
- Blue (100%)



- Red (58%)
- Yellow (78%)
- Blue (100%)



- Cyan (42%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (42%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.6134, 78.2173, 106.4051 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 62.6134, 78.2173, 106.4051 by changing the saturation by 10% instead.

62.6134, 78.2173,
106.4051

62.6134, 78.2173,
106.4051

423.8471,
488.9045, 601.9598

45.7860, 58.2525,
81.0138

107.6965,
130.8564, 172.0601

32.2809, 42.0117,
60.0219

136.6829,
164.2995, 213.1609

21.7327, 29.1104,
43.0109

170.4531,
203.0041, 260.3353

13.7761, 19.1644,
29.5622

209.3723,
247.3547, 314.0018

8.0458, 11.7891,
19.2573

253.8060,
297.7357, 374.5790

4.1763, 6.6002,
11.6776

304.1194,

1.8024, 3.2134,

354.5313, 442.4853

6.4047

360.6780,
418.1262, 518.1394

■ 0.5191, 1.2441,
3.0200

■ 0.0000, 0.0973,
1.1048

■ 62.6134, 78.2173,
106.4051

■ 62.6134, 78.2173,
106.4051

■ 57.7166, 74.5325,
105.9520

■ 68.5415, 82.4542,
106.9105

■ 53.7774, 71.3560,
105.5465

■ 75.5560, 87.2659,
107.4695

■ 50.7222, 68.6517,
105.1855

■ 83.7154, 92.6847,
108.0854

■ 48.4638, 66.3747,
104.8650

■ 93.0724, 98.7377,
108.7606

■ 46.8972, 64.4707, 95.0500, 100.0000,
104.5801 108.9000

■ 46.0124, 63.1447,
104.3708

Harmonies

Analogous

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



61.0443, 78.2173, 84.4478



62.6134, 78.2173, 106.4051



67.2717, 78.2173, 124.9382

Triad

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



62.6134, 78.2173, 106.4051



87.1737, 78.2173, 107.8575



74.5947, 78.2173, 50.6647

Complementary

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



62.6134, 78.2173, 106.4051



58.9838, 48.1946, 34.2125

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.



81.8937, 78.2173, 54.8798



62.6134, 78.2173, 106.4051



89.4456, 78.2173, 85.8870

Square

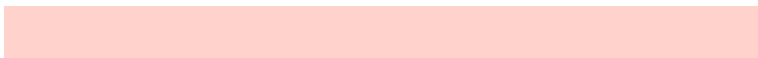
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



62.6134, 78.2173, 106.4051



81.4304, 78.2173, 125.8696



87.4534, 78.2173, 66.9587



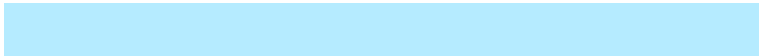
67.6797, 78.2173, 54.3447

Rectangle

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



62.6134, 78.2173, 106.4051



71.6659, 78.2173, 131.5846



87.4534, 78.2173, 66.9587



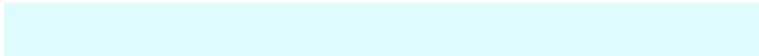
77.0863, 78.2173, 51.1913

Sweetspot

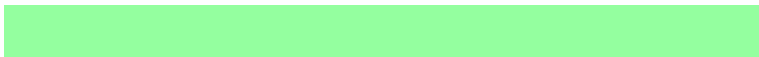
The Sweet Spot groups the original color and five complimentary colors.



62.6155, 78.2202, 106.4056



82.8111, 92.0915, 108.0186



54.2059, 80.3092, 45.3107



17.3237, 19.4470, 23.0905



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

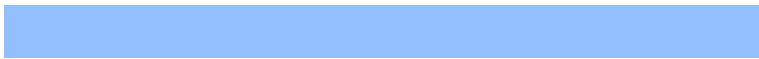
The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.6155, 78.2202, 106.4056



58.5986, 75.2135, 106.0369



48.8513, 50.6919, 101.8175



18.3860, 20.1436, 23.1690



24.1072, 33.1239, 54.5576



2.3913, 3.3132, 5.3268

Inverse Universe

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



68.1604, 48.9731, 91.4516



64.9057, 42.9728, 88.7970



70.1796, 70.5862, 37.9444



18.7075, 18.2663, 22.3427



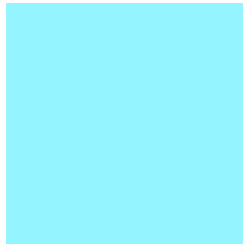
28.9564, 14.0718, 40.0164



2.8416, 1.3790, 4.0133

Previews

White Background



This preview shows how the XYZ color 62.6134, 78.2173, 106.4051 looks on a white background.

Color Contrast Check

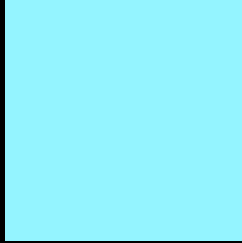
Large Text (above 18pt) WCAG AA × Fail

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 62.6134, 78.2173, 106.4051 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 62.6134, 78.2173, 106.4051

Background



This preview shows how black text looks on a background with the XYZ color 62.6134, 78.2173, 106.4051.

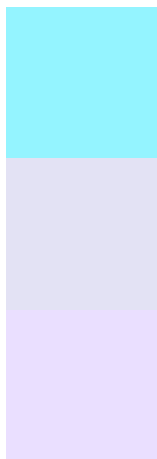


This preview shows how white text looks on a background with the XYZ color 62.6134, 78.2173,

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

62.6134, 78.2173, 106.4051

Protanopia

75.2040, 77.2553, 96.5360

Deuteranopia

78.3694, 77.4878, 105.4339



Tritanopia

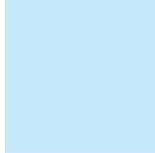
65.9298, 77.7237, 106.1350

Trichromacy



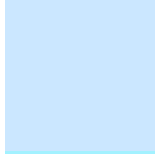
Original Color

62.6134, 78.2173, 106.4051



Protanomaly

69.3709, 77.0609, 100.0249



Deuteranomaly

71.2545, 77.0683, 105.7279



Tritanomaly

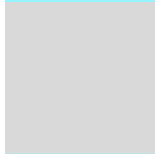
64.6096, 77.9171, 106.2420

Monochromacy



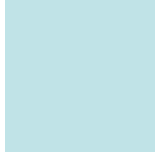
Original Color

62.6134, 78.2173, 106.4051



Achromatopsia

65.9525, 69.3872, 75.5626



Achromatomaly

63.6311, 71.9142, 86.1284

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.6134, 78.2173, 106.4051 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(148, 244, 255)` looks like.

```
.text, #text, p{  
    color:rgb(148, 244, 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(148, 244, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 244, 255) }
```

Border

The CSS property to change the border of an element to XYZ 62.6134, 78.2173, 106.4051 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(148, 244, 255) }
```


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

```
.border{ border-color:rgb(148, 244, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 244, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 244, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 244, 255);  
box-shadow:4px 4px 4px 4px rgb(148, 244,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 62.6134, 78.2173, 106.4051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 244, 255) }
```

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

```
.background{ background-color: rgb(148,  
244, 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](#).

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