

Converting Colors

XYZ(62.5873, 78.2450,
101.3774)

Have a look what the booklet for
XYZ(62.5873, 78.2450, 101.3774)
contains.

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Color

**XYZ(62.5864, 78.3132,
101.4398)**

Conversions

Conversions Part 1

Format	Color
Hex	99F4F9
RGB	153, 244, 249
RGB Percent	60%, 96%, 98%
CMY	0.4000, 0.0431, 0.0235
CMYK	0.39, 0.02, 0.00, 0.02
HSL	183°, 89%, 79%
HSV	183°, 39%, 98%
XYZ	62.5864, 78.3132, 101.4398
YIQ	217.3610, -55.8410, -17.7370

Conversions

Conversions Part 2

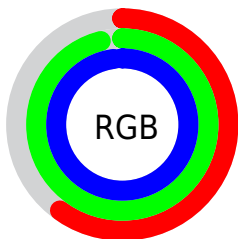
Format	Color
R_{YB}	153, 200, 249
Decimal	10089721
CIE _{Lab}	90.92, -25.88, -10.99
CIE _{LCh}	91, 28.114, 203.001
Yxy	78.3132, 0.2583, 0.3232
Android (android.graphics.Color)	4288279801 (0xFF99F4F9)
YUV	217.3610, 15.5980, -56.4446
Hunter-Lab	88.4947, -28.6247, -6.0166

Details

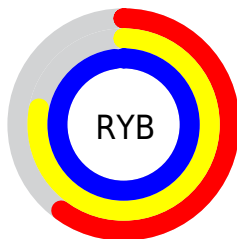
The XYZ color **62.5864, 78.3132, 101.4398** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **57.0447, 46.8943, 36.1837**, and the grayscale version is **66.1266, 69.5703, 75.7621**.

A 20% lighter version of the original color is **80.6740, 92.5889, 108.2272**, and **32.4327, 42.3035, 56.9081** is the 20% darker color. If you saturate the color by 10%, you get **57.9801, 75.3635, 101.1146**, and if you desaturate by 10%, it is **68.1807, 81.7801, 101.8155**.

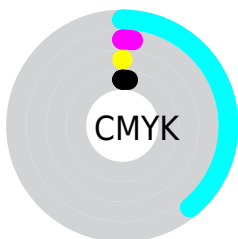
Distribution



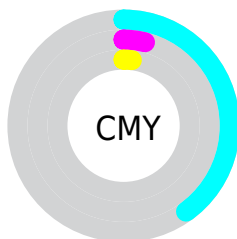
- Red (60%)
- Green (96%)
- Blue (98%)



- Red (60%)
- Yellow (78%)
- Blue (98%)



- Cyan (39%)
- Magenta (2%)
- Yellow (0%)
- Black (2%)



- Cyan (40%)
- Magenta (4%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.5864, 78.3132, 101.4398 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 62.5864, 78.3132, 101.4398 by changing the saturation by 10% instead.

62.5864, 78.3132,
101.4398

62.5864, 78.3132,
101.4398

423.7504,
489.2298, 586.0851

45.7641, 58.3313,
76.8799

107.6578,
130.9915, 165.2035

32.2635, 42.0751,
56.6434

136.6375,
164.4568, 205.2444

21.7194, 29.1601,
40.3115

170.4005,
203.1852, 251.2828

13.7663, 19.2019,
27.4659

209.3119,
247.5613, 303.7371

8.0389, 11.8163,
17.6879

253.7373,
297.9694, 363.0260

4.1719, 6.6187,
10.5590

304.0420,

1.7998, 3.2248,

354.7940, 429.5679

5.6607

360.5912,
418.4193, 503.7814

■ 0.5176, 1.2502,
2.5745

■ 0.0000, 0.1021,
0.8792

■ 62.5864, 78.3132,
101.4398

■ 62.5864, 78.3132,
101.4398

■ 57.9801, 75.3635,
101.1146

■ 68.1807, 81.7801,
101.8155

■ 54.2934, 72.8899,
100.8314

■ 74.8121, 85.7838,
102.2388

■ 51.4601, 70.8604,
100.5890

■ 82.5349, 90.3543,
102.7139

■ 49.4023, 69.2348,
100.3837

■ 91.3976, 95.5166,
103.2432

■ 48.0278, 67.9654,
100.2112

■ 92.6758, 96.7729,
103.4183

■ 47.2050, 66.9845,
100.0652

■ 93.0810, 97.5834,
103.5534

■ 47.1059, 66.8532,
100.0451

■ 93.4890, 98.3994,
103.6894

■ 93.8998, 99.2210,
103.8264

■ 94.0991, 99.6197,
103.8928

Harmonies

Analogous

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



61.7162, 78.3132, 80.6038



62.5864, 78.3132, 101.4398



66.5340, 78.3132, 120.3751

Triad

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



62.5864, 78.3132, 101.4398



85.8519, 78.3132, 110.9678



76.1066, 78.3132, 52.1141

Complementary

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



62.5864, 78.3132, 101.4398



57.0447, 46.8943, 36.1837

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.



82.9366, 78.3132, 57.7539



62.5864, 78.3132, 101.4398



88.7898, 78.3132, 90.1124

Square

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



62.5864, 78.3132, 101.4398



79.8849, 78.3132, 126.4570



87.6904, 78.3132, 70.9165



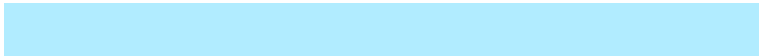
69.2376, 78.3132, 54.1646

Rectangle

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



62.5864, 78.3132, 101.4398



70.5225, 78.3132, 128.2825



87.6904, 78.3132, 70.9165



78.4882, 78.3132, 53.1389

Sweetspot

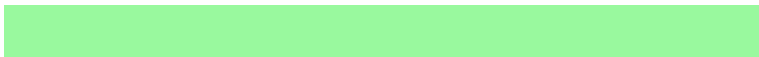
The Sweet Spot groups the original color and five complimentary colors.



62.5887, 78.3163, 101.4416



84.1685, 93.6391, 108.2457



53.1685, 76.9869, 44.3170



17.7844, 19.9061, 23.1549



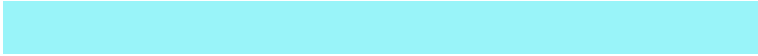
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



62.5887, 78.3163, 101.4416



62.3245, 80.2834, 106.8191



50.0225, 53.1838, 97.2529



17.6839, 19.4446, 22.2064



25.2482, 35.8519, 53.5630



2.3615, 3.3666, 4.9685

Inverse Universe

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



66.7892, 49.4557, 91.6171



67.3678, 46.1839, 94.8993



66.8414, 66.4878, 39.4493



17.9517, 17.5080, 21.6015



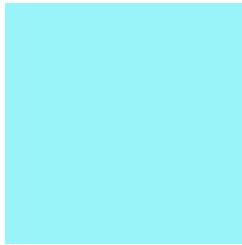
29.0361, 14.0302, 43.7603



2.7009, 1.3041, 4.1142

Previews

White Background



This preview shows how the XYZ color 62.5864, 78.3132, 101.4398 looks on a white background.

Color Contrast Check

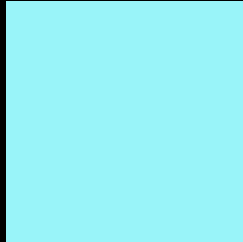
Large Text (above 18pt) WCAG AA × Fail

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 62.5864, 78.3132, 101.4398 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 62.5864, 78.3132, 101.4398

Background



This preview shows how black text looks on a background with the XYZ color 62.5864, 78.3132, 101.4398.

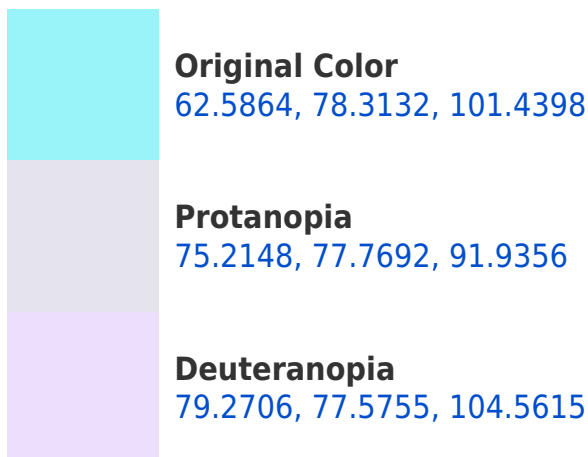


This preview shows how white text looks on a background with the XYZ color 62.5864, 78.3132,

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





Tritanopia

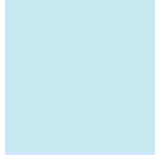
66.3721, 77.9517, 106.1557

Trichromacy



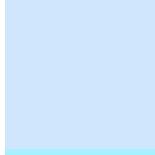
Original Color

62.5864, 78.3132, 101.4398



Protanomaly

69.2533, 77.1061, 95.2373



Deuteranomaly

71.5996, 76.8873, 103.1625



Tritanomaly

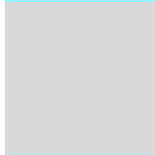
64.9108, 78.1094, 104.5840

Monochromacy



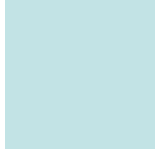
Original Color

62.5864, 78.3132, 101.4398



Achromatopsia

65.9525, 69.3872, 75.5626



Achromatomaly

63.8601, 72.0646, 84.6728

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.5864, 78.3132, 101.4398 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(153, 244, 249)` looks like.

```
.text, #text, p{  
    color:rgb(153, 244, 249)  
}
```

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(153, 244, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 244, 249) }
```

Border

The CSS property to change the border of an element to XYZ 62.5864, 78.3132, 101.4398 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(153, 244, 249) }
```


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

```
.border{ border-color:rgb(153, 244, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 244, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 244, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 244, 249);  
box-shadow:4px 4px 4px 4px rgb(153, 244,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 62.5864, 78.3132, 101.4398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 244, 249) }
```

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

```
.background{ background-color: rgb(153,  
244, 249) }
```

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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