

Converting Colors

XYZ(60.7702, 82.4111,
103.5448)

Have a look what the booklet for
XYZ(60.7702, 82.4111, 103.5448)
contains.

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Color

**XYZ(60.7610, 82.4152,
103.1478)**

Conversions

Conversions Part 1

Format	Color
Hex	78FFFA
RGB	120, 255, 250
RGB Percent	47%, 100%, 98%
CMY	0.5294, 0.0000, 0.0196
CMYK	0.53, 0.00, 0.02, 0.00
HSL	178°, 100%, 74%
HSV	178°, 53%, 100%
XYZ	60.7610, 82.4152, 103.1478
YIQ	214.0650, -78.8550, -30.1750

Conversions

Conversions Part 2

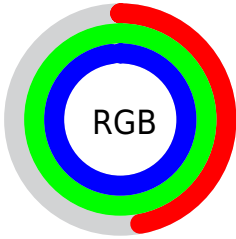
Format	Color
RYB	120, 189, 255
Decimal	7929850
CIELab	92.76, -38.06, -8.91
CIElCh	93, 39.089, 193.178
Yxy	82.4152, 0.2467, 0.3346
Android (android.graphics.Color)	4286119930 (0xFF78FFFA)
YUV	214.0650, 17.7160, -82.4950
Hunter-Lab	90.7828, -39.3998, -3.8176

Details

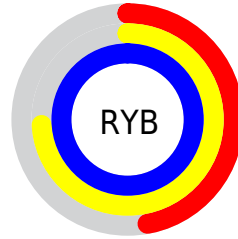
The XYZ color **60.7610, 82.4152, 103.1478** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **51.6591, 36.1751, 23.6631**, and the grayscale version is **63.8834, 67.2103, 73.1920**.

A 20% lighter version of the original color is **73.1014, 88.6851, 107.8728**, and **31.1983, 44.9362, 58.0682** is the 20% darker color. If you saturate the color by 10%, you get **57.5360, 80.7697, 102.2273**, and if you desaturate by 10%, it is **64.9304, 84.5474, 104.1192**.

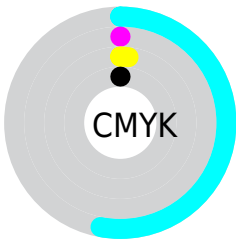
Distribution



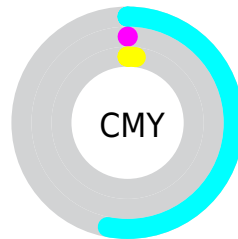
- Red (47%)
- Green (100%)
- Blue (98%)



- Red (47%)
- Yellow (74%)
- Blue (100%)



- Cyan (53%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)





- Cyan (53%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.7610, 82.4152, 103.1478 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 60.7610, 82.4152, 103.1478 by changing the saturation by 10% instead.


 60.7610, 82.4152,
103.1478


 60.7610, 82.4152,
103.1478

417.1871,
503.0355, 591.5710


 44.2841, 61.7078,
78.3005


 105.0329,
136.7561, 167.5658

 31.0928, 44.7967,
57.8030


 133.5586,
171.1584, 207.9735

 20.8217, 31.2973,
41.2366


 166.8313,
210.8945, 254.4052

 13.1054, 20.8253,
28.1829

205.2163,
256.3488, 307.2793

 7.5787, 12.9964,
18.2233

249.0791,
307.9056, 367.0144

 3.8761, 7.4261,
10.9394

298.7849,

 1.6323, 3.7300,

365.9494, 434.0290

5.9124

354.6991,
430.8646, 508.7417

■ 0.4133, 1.5237,
2.7240

■ 0.0000, 0.3053,
0.9555

■ 60.7610, 82.4152,
103.1478

■ 60.7610, 82.4152,
103.1478

■ 57.5360, 80.7697,
102.2273

■ 64.9304, 84.5474,
104.1192

■ 55.1755, 79.5698,
101.3498

■ 70.1091, 87.1999,
105.1403

■ 53.5923, 78.7705,
100.5124

■ 76.3599, 90.4050,
106.2154

■ 52.6787, 78.3163,
99.7103

■ 83.7398, 94.1920,
107.3473

■ 52.3269, 78.1467,
99.1599

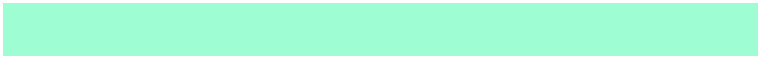
■ 92.3017, 98.5883,
108.5383

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.



61.0337, 82.4152, 74.4553



60.7610, 82.4152, 103.1478



64.8950, 82.4152, 133.8749

Triad

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



60.7610, 82.4152, 103.1478



92.5212, 82.4152, 137.1965



84.1420, 82.4152, 46.0241

Complementary

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



60.7610, 82.4152, 103.1478



51.6591, 36.1751, 23.6631

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.



93.5092, 82.4152, 56.5526



60.7610, 82.4152, 103.1478



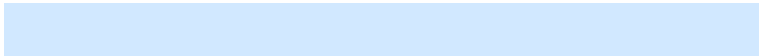
98.6269, 82.4152, 106.9765

Square

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



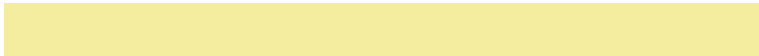
60.7610, 82.4152, 103.1478



82.8859, 82.4152, 156.2188



99.0034, 82.4152, 77.5405



73.9503, 82.4152, 45.4349

Rectangle

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



60.7610, 82.4152, 103.1478



69.8199, 82.4152, 149.7125



99.0034, 82.4152, 77.5405



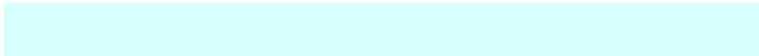
87.5118, 82.4152, 48.3935

Sweetspot

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



60.7621, 82.4157, 103.1493



81.3577, 92.9693, 106.9946



47.8665, 77.3695, 30.1821



17.0842, 19.7301, 22.8512



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

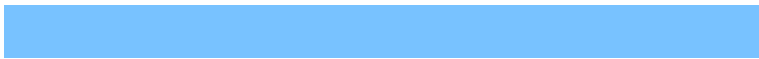
The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.7621, 82.4157, 103.1493



57.2459, 80.6219, 102.1322



45.1445, 49.9095, 101.8619



18.5241, 20.4692, 23.0628



27.3548, 40.8385, 51.8812



2.6722, 3.9798, 5.0974

Inverse Universe

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



51.6591, 36.1751, 23.6631



47.2470, 29.7586, 14.7701



61.1042, 55.5636, 25.2754



18.0366, 17.9980, 18.8101



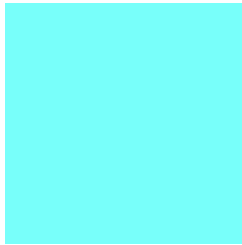
21.5876, 11.1243, 1.2128



2.1111, 1.0868, 0.1663

Previews

White Background



This preview shows how the XYZ color 60.7610, 82.4152, 103.1478 looks on a white background.

Color Contrast Check

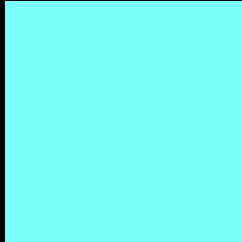
Large Text (above 18pt) WCAG AA × Fail

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 60.7610, 82.4152, 103.1478 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

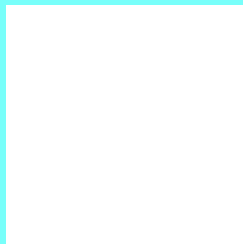
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.7610, 82.4152, 103.1478

Background



This preview shows how black text looks on a background with the XYZ color 60.7610, 82.4152, 103.1478.

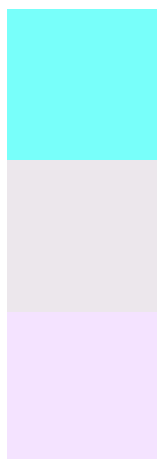


This preview shows how white text looks on a background with the XYZ color 60.7610, 82.4152,

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

60.7610, 82.4152, 103.1478

Protanopia

78.3083, 81.0408, 90.8720

Deuteranopia

82.8273, 81.3913, 105.9524



Tritanopia

70.1082, 81.6355, 106.6699

Trichromacy



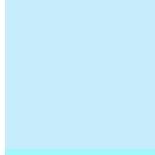
Original Color

60.7610, 82.4152, 103.1478



Protanomaly

69.2854, 80.1404, 95.0360



Deuteranomaly

71.5670, 79.8023, 104.5599



Tritanomaly

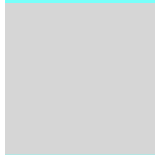
65.6883, 81.1904, 105.1377

Monochromacy



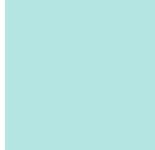
Original Color

60.7610, 82.4152, 103.1478



Achromatopsia

63.9157, 67.2443, 73.2291



Achromatomaly

60.7068, 71.2880, 83.2334

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7610, 82.4152, 103.1478 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(120, 255, 250)` looks like.

```
.text, #text, p{  
    color:rgb(120, 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(120, 255, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 255, 250) }
```

Border

The CSS property to change the border of an element to XYZ 60.7610, 82.4152, 103.1478 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(120, 255, 250) }
```


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

```
.border{ border-color:rgb(120, 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(120, 255, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 255, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 255, 250);  
box-shadow:4px 4px 4px 4px rgb(120, 255,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7610, 82.4152, 103.1478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 255, 250) }
```

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

```
.background{ background-color: rgb(120,  
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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