

Converting Colors

XYZ(61.7424, 80.9262,
106.9739)

Have a look what the booklet for
XYZ(61.7424, 80.9262, 106.9739)
contains.

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Color

**XYZ(61.7531, 80.9602,
106.9799)**

Conversions

Conversions Part 1

Format	Color
Hex	82FBFF
RGB	130, 251, 255
RGB Percent	51%, 98%, 100%
CMY	0.4902, 0.0157, 0.0000
CMYK	0.49, 0.02, 0.00, 0.00
HSL	182°, 100%, 75%
HSV	182°, 49%, 100%
XYZ	61.7531, 80.9602, 106.9799
YIQ	215.2770, -73.4000, -24.4080

Conversions

Conversions Part 2

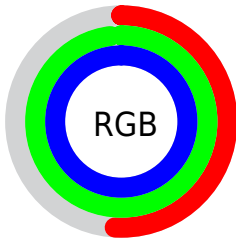
Format	Color
RYB	130, 191, 255
Decimal	8584191
CIELab	92.11, -32.95, -12.42
CIELCh	92, 35.218, 200.658
Yxy	80.9602, 0.2473, 0.3242
Android (android.graphics.Color)	4286774271 (0xFF82FBFF)
YUV	215.2770, 19.5834, -74.7879
Hunter-Lab	89.9779, -34.9542, -7.5088

Details

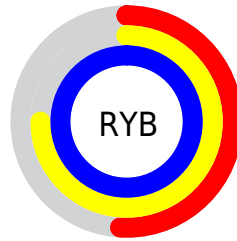
The XYZ color **61.7531, 80.9602, 106.9799** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **53.7950, 39.9225, 25.9916**, and the grayscale version is **64.6881, 68.0569, 74.1140**.

A 20% lighter version of the original color is **75.0452, 89.6871, 107.9638**, and **31.6648, 43.7846, 60.2084** is the 20% darker color. If you saturate the color by 10%, you get **58.0621, 78.6821, 106.7347**, and if you desaturate by 10%, it is **66.4185, 83.7461, 107.2717**.

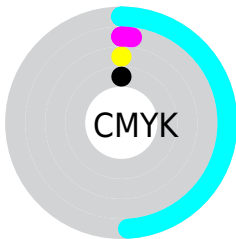
Distribution



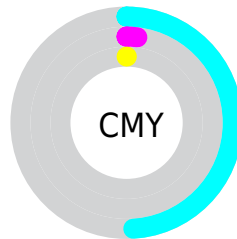
- Red (51%)
- Green (98%)
- Blue (100%)



- Red (51%)
- Yellow (75%)
- Blue (100%)



- Cyan (49%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (49%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.7531, 80.9602, 106.9799 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 61.7531, 80.9602, 106.9799 by changing the saturation by 10% instead.

61.7531, 80.9602,
106.9799

61.7531, 80.9602,
106.9799

420.7618,
498.1629, 603.7833

45.0881, 60.5088,
81.4931

106.4606,
134.7149, 172.8518

31.7284, 43.8289,
60.4145

135.2337,
168.7870, 214.0740

21.3087, 30.5360,
43.3253

168.7736,
208.1681, 261.3785

13.4636, 20.2458,
29.8071

207.4456,
253.2426, 315.1837

7.8277, 12.5738,
19.4414

251.6151,
304.3950, 375.9083

4.0358, 7.1358,
11.8097

301.6474,

1.7224, 3.5471,

362.0096, 443.9707

6.4932

357.9078,
426.4707, 519.7895

■ 0.4702, 1.4236,
3.0737

■ 0.0000, 0.2340,
1.1324

■ 61.7531, 80.9602,
106.9799

■ 61.7531, 80.9602,
106.9799

■ 58.0621, 78.6821,
106.7347

■ 66.4185, 83.7461,
107.2717

■ 55.2662, 76.8651,
106.5314

■ 72.1174, 87.0645,
107.6119

■ 53.2843, 75.4694,
106.3664

■ 78.9116, 90.9491,
108.0036

■ 52.0176, 74.4440,
106.2353

■ 86.8565, 95.4286,
108.4495

■ 51.3202, 73.7138, 95.0500, 100.0000,
106.1311 108.9000

■ 51.2643, 73.6486,
106.1214

Harmonies

Analogous

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



60.9874, 80.9602, 80.2877



61.7531, 80.9602, 106.9799



66.4118, 80.9602, 132.7142

Triad

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



61.7531, 80.9602, 106.9799



91.2466, 80.9602, 123.7716



79.8170, 80.9602, 47.4703

Complementary

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



61.7531, 80.9602, 106.9799



53.7950, 39.9225, 25.9916

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.



88.5484, 80.9602, 54.8818



61.7531, 80.9602, 106.9799



95.4805, 80.9602, 96.5135

Square

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



61.7531, 80.9602, 106.9799



83.2706, 80.9602, 143.6554



94.4561, 80.9602, 71.6737



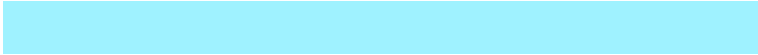
70.9580, 80.9602, 49.1783

Rectangle

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



61.7531, 80.9602, 106.9799



71.3155, 80.9602, 144.1998



94.4561, 80.9602, 71.6737



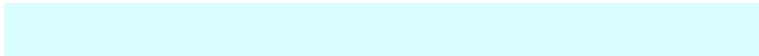
82.8742, 80.9602, 48.9127

Sweetspot

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



61.7553, 80.9632, 106.9804



81.9622, 92.6757, 108.1761



49.1377, 77.9347, 34.3148



17.1956, 19.6399, 23.1345



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.



61.7553, 80.9632, 106.9804



58.0678, 78.6857, 106.7351



45.7613, 48.9752, 101.6490



18.5022, 20.3759, 23.2077



26.8089, 38.5275, 55.4582



2.6253, 3.7813, 5.4048

Inverse Universe

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



66.6366, 44.1921, 96.2880



63.5311, 38.1858, 94.6212



64.6921, 61.7168, 29.6240



18.7661, 18.2898, 22.6515



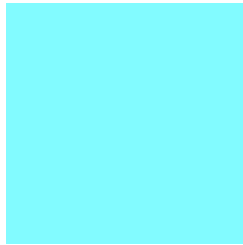
30.3201, 14.6173, 47.1977



2.9597, 1.4263, 4.6354

Previews

White Background



This preview shows how the XYZ color 61.7531, 80.9602, 106.9799 looks on a white background.

Color Contrast Check

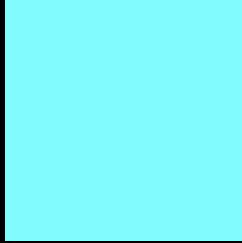
Large Text (above 18pt) WCAG AA × Fail

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 61.7531, 80.9602, 106.9799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

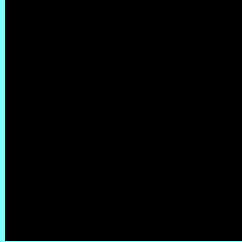
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.7531, 80.9602, 106.9799

Background



This preview shows how black text looks on a background with the XYZ color 61.7531, 80.9602, 106.9799.

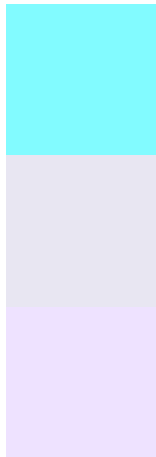


This preview shows how white text looks on a background with the XYZ color 61.7531, 80.9602,

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

61.7531, 80.9602, 106.9799

Protanopia

77.6025, 80.1602, 95.3868

Deuteranopia

80.5063, 79.7899, 105.7656



Tritanopia

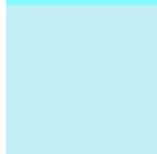
68.6245, 80.4276, 106.5149

Trichromacy



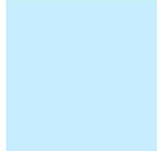
Original Color

61.7531, 80.9602, 106.9799



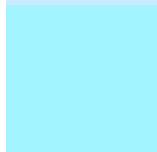
Protanomaly

69.8687, 79.4666, 99.6518



Deuteranomaly

71.3115, 78.7788, 106.0550



Tritanomaly

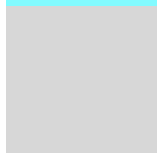
65.6027, 80.2062, 106.6315

Monochromacy



Original Color

61.7531, 80.9602, 106.9799



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

61.7935, 71.3903, 85.3858

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7531, 80.9602, 106.9799 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(130, 251, 255)` looks like.

```
.text, #text, p{  
    color:rgb(130, 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(130, 251, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 251, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.7531, 80.9602, 106.9799 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(130, 251, 255) }
```


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

```
.border{ border-color:rgb(130, 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(130, 251, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 251, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 251, 255);  
box-shadow:4px 4px 4px 4px rgb(130, 251,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7531, 80.9602, 106.9799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 251, 255) }
```

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

```
.background{ background-color: rgb(130,  
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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