

Converting Colors

XYZ(65.6450, 79.3459,
126.6133)

Have a look what the booklet for
XYZ(65.6450, 79.3459, 126.6133)
contains.

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Color

**XYZ(61.7284, 77.7610,
106.3637)**

Conversions

Conversions Part 1

Format	Color
Hex	8FF4FF
RGB	143, 244, 255
RGB Percent	56%, 96%, 100%
CMY	0.4392, 0.0431, 0.0000
CMYK	0.44, 0.04, 0.00, 0.00
HSL	186°, 100%, 78%
HSV	186°, 44%, 100%
XYZ	61.7284, 77.7610, 106.3637
YIQ	215.0550, -63.7270, -17.9910

Conversions

Conversions Part 2

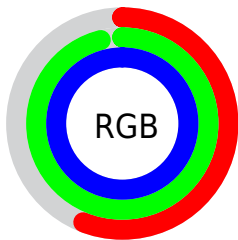
Format	Color
R_{YB}	143, 196, 255
Decimal	9434367
CIE _{Lab}	90.67, -26.79, -14.53
CIE _{LCh}	91, 30.477, 208.475
Yxy	77.7610, 0.2511, 0.3163
Android (android.graphics.Color)	4287624447 (0xFF8FF4FF)
YUV	215.0550, 19.6929, -63.1922
Hunter-Lab	88.1822, -29.3671, -9.7869

Details

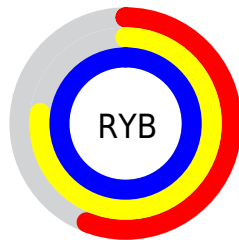
The XYZ color **61.7284, 77.7610, 106.3637** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **57.7541, 46.3549, 31.8921**, and the grayscale version is **64.5323, 67.8930, 73.9355**.

A 20% lighter version of the original color is **78.1671, 91.2966, 108.1099**, and **31.7435, 41.8827, 59.8372** is the 20% darker color. If you saturate the color by 10%, you get **57.0578, 74.2443, 105.9311**, and if you desaturate by 10%, it is **67.4166, 81.8212, 106.8476**.

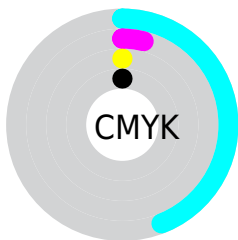
Distribution



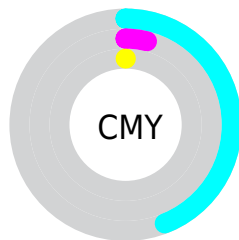
- Red (56%)
- Green (96%)
- Blue (100%)



- Red (56%)
- Yellow (77%)
- Blue (100%)



- Cyan (44%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (44%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.7284, 77.7610, 106.3637 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 61.7284, 77.7610, 106.3637 by changing the saturation by 10% instead.

61.7284, 77.7610,
106.3637

61.7284, 77.7610,
106.3637

420.6731,
487.3548, 601.8283

45.0680, 57.8777,
80.9793

106.4250,
130.2132, 172.0031

31.7125, 41.7103,
59.9936

135.1921,
163.5508, 213.0951

21.2965, 28.8745,
42.9882

168.7253,
202.1419, 260.2601

13.4546, 18.9859,
29.5445

207.3902,
246.3710, 313.9166

7.8215, 11.6601,
19.2440

251.5521,
296.6225, 374.4832

4.0318, 6.5127,
11.6681

301.5763,

1.7201, 3.1593,

353.2806, 442.3783

6.3984

357.8281,
416.7299, 518.0205

■ 0.4688, 1.2154,
3.0161

■ 0.0000, 0.0743,
1.1029

■ 61.7284, 77.7610,
106.3637

■ 61.7284, 77.7610,
106.3637

■ 57.0578, 74.2443,
105.9311

■ 67.4166, 81.8212,
106.8476

■ 53.3297, 71.2267,
105.5451

■ 74.1787, 86.4484,
107.3843

■ 50.4686, 68.6711,
105.2026

■ 82.0739, 91.6751,
107.9771

■ 48.3845, 66.5311,
104.8994

■ 91.1557, 97.5289,
108.6283

■ 46.9674, 64.7500, 95.0500, 100.0000,
104.6303 108.9000

■ 46.3366, 63.7933,
104.4789

Harmonies

Analogous

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



60.1695, 77.7610, 83.5529



61.7284, 77.7610, 106.3637



66.4880, 77.7610, 125.8544

Triad

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



61.7284, 77.7610, 106.3637



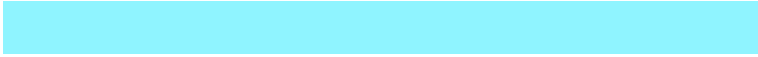
87.1587, 77.7610, 108.6393



74.3014, 77.7610, 49.1771

Complementary

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



61.7284, 77.7610, 106.3637



57.7541, 46.3549, 31.8921

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.



81.8637, 77.7610, 53.6187



61.7284, 77.7610, 106.3637



89.5965, 77.7610, 85.7940

Square

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



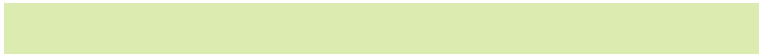
61.7284, 77.7610, 106.3637



81.1404, 77.7610, 127.3195



87.5961, 77.7610, 66.1443



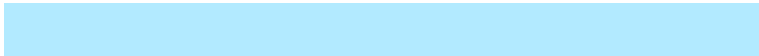
67.1215, 77.7610, 52.7967

Rectangle

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



61.7284, 77.7610, 106.3637



71.0117, 77.7610, 132.9704



87.5961, 77.7610, 66.1443



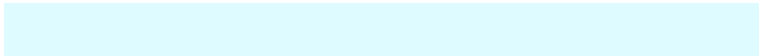
76.8851, 77.7610, 49.7598

Sweetspot

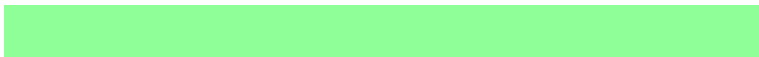
The Sweet Spot groups the original color and five complimentary colors.



61.7305, 77.7639, 106.3641



82.8587, 92.1868, 108.0345



52.7838, 79.6382, 42.4409



17.3356, 19.4708, 23.0945



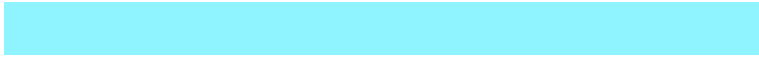
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

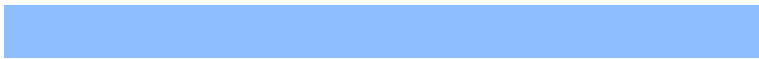
The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.7305, 77.7639, 106.3641



57.4469, 74.5464, 105.9689



47.7206, 49.7441, 101.6942



18.3935, 20.1585, 23.1715



24.2741, 33.4579, 54.6132



2.4058, 3.3424, 5.3316

Inverse Universe

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



67.3930, 47.4384, 91.1957



63.9250, 41.0515, 88.3469



68.8361, 68.5188, 35.5861



18.7113, 18.2678, 22.3626



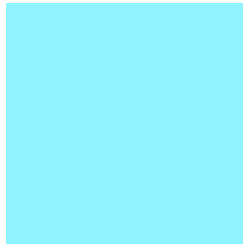
29.0407, 14.1056, 40.4601



2.8490, 1.3820, 4.0520

Previews

White Background



This preview shows how the XYZ color 61.7284, 77.7610, 106.3637 looks on a white background.

Color Contrast Check

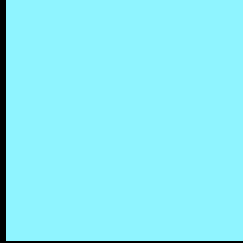
Large Text (above 18pt) WCAG AA × Fail

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 61.7284, 77.7610, 106.3637 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 61.7284, 77.7610, 106.3637

Background



This preview shows how black text looks on a background with the XYZ color 61.7284, 77.7610, 106.3637.

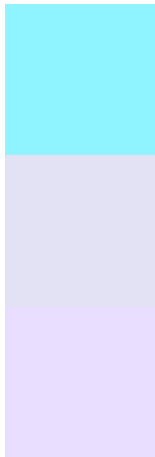


This preview shows how white text looks on a background with the XYZ color 61.7284, 77.7610,

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

61.7284, 77.7610, 106.3637

Protanopia

74.8895, 77.0931, 96.5213

Deuteranopia

77.7755, 76.7862, 105.3297



Tritanopia

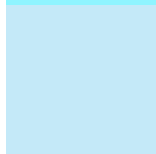
65.0650, 77.2778, 106.0946

Trichromacy



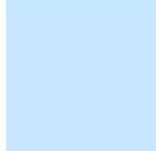
Original Color

61.7284, 77.7610, 106.3637



Protanomaly

68.8471, 76.7909, 100.0004



Deuteranomaly

70.1662, 76.0930, 105.5970



Tritanomaly

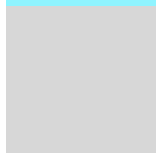
63.8034, 77.5015, 106.2042

Monochromacy



Original Color

61.7284, 77.7610, 106.3637



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

62.4655, 70.9247, 85.2605

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7284, 77.7610, 106.3637 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(143, 244, 255)` looks like.

```
.text, #text, p{  
    color:rgb(143, 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(143, 244, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 244, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.7284, 77.7610, 106.3637 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(143, 244, 255) }
```


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

```
.border{ border-color:rgb(143, 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(143, 244, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 244, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 244, 255);  
box-shadow:4px 4px 4px 4px rgb(143, 244,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7284, 77.7610, 106.3637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 244, 255) }
```

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

```
.background{ background-color: rgb(143,  
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](#).

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