

Converting Colors

XYZ(61.1116, 78.0498,
104.7727)

Have a look what the booklet for
XYZ(61.1116, 78.0498, 104.7727)
contains.

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Color

**XYZ(61.0295, 77.8856,
104.7453)**

Conversions

Conversions Part 1

Format	Color
Hex	8BF5FD
RGB	139, 245, 253
RGB Percent	55%, 96%, 99%
CMY	0.4549, 0.0392, 0.0078
CMYK	0.45, 0.03, 0.00, 0.01
HSL	184°, 97%, 77%
HSV	184°, 45%, 99%
XYZ	61.0295, 77.8856, 104.7453
YIQ	214.2180, -65.7440, -19.9840

Conversions

Conversions Part 2

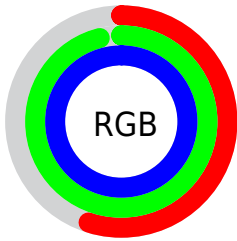
Format	Color
RYB	139, 194, 253
Decimal	9172477
CIELab	90.73, -28.68, -13.42
CIELCh	91, 31.661, 205.080
Yxy	77.8856, 0.2505, 0.3196
Android (android.graphics.Color)	4287362557 (0xFF8BF5FD)
YUV	214.2180, 19.1195, -65.9662
Hunter-Lab	88.2528, -31.0043, -8.5930

Details

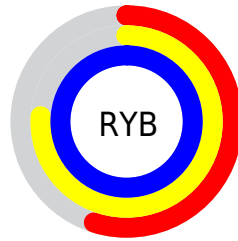
The XYZ color **61.0295, 77.8856, 104.7453** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **55.6034, 43.6155, 29.9162**, and the grayscale version is **63.9723, 67.3039, 73.2939**.

A 20% lighter version of the original color is **77.0987, 90.7458, 108.0599**, and **31.0889, 41.5717, 58.6101** is the 20% darker color. If you saturate the color by 10%, you get **56.7502, 74.8880, 104.3936**, and if you desaturate by 10%, it is **66.2961, 81.4034, 105.1481**.

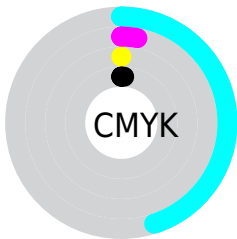
Distribution



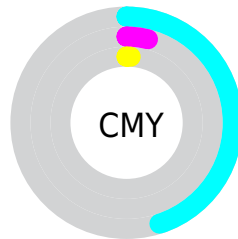
- Red (55%)
- Green (96%)
- Blue (99%)



- Red (55%)
- Yellow (76%)
- Blue (99%)



- Cyan (45%)
- Magenta (3%)
- Yellow (0%)
- Black (1%)



- Cyan (45%)
- Magenta (4%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.0295, 77.8856, 104.7453 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 61.0295, 77.8856, 104.7453 by changing the saturation by 10% instead.

61.0295, 77.8856,
104.7453

61.0295, 77.8856,
104.7453

418.1563,
487.7782, 596.6779

44.5016, 57.9800,
79.6305

105.4195,
130.3888, 169.7717

31.2646, 41.7926,
58.8900

134.0124,
163.7553, 210.5204

20.9533, 28.9389,
42.1051

167.3576,
202.3775, 257.3175

13.2021, 19.0346,
28.8574

205.8205,
246.6398, 310.5816

7.6458, 11.6953,
18.7284

249.7664,
296.9266, 370.7311

3.9191, 6.5365,
11.2993

299.5608,

1.6564, 3.1740,

353.6224, 438.1846

6.1518

355.5690,
417.1114, 513.3607

■ 0.4288, 1.2232,
2.8674

■ 0.0000, 0.0806,
1.0273

■ 61.0295, 77.8856,
104.7453

■ 61.0295, 77.8856,
104.7453

■ 56.7502, 74.8880,
104.3936

■ 66.2961, 81.4034,
105.1481

■ 53.3827, 72.3662,
104.0844

■ 72.6047, 85.4643,
105.5994

■ 50.8522, 70.2836,
103.8157

■ 80.0145, 90.1006,
106.1038

■ 49.0686, 68.5936,
103.5835

■ 88.5781, 95.3394,
106.6636

■ 47.9213, 67.2391,
103.3826

94.3733, 99.1587,
107.0954

■ 47.5104, 66.6529,
103.2911

94.7299, 99.8720,
107.2143

Harmonies

Analogous

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



59.8201, 77.8856, 81.1051



61.0295, 77.8856, 104.7453



65.6188, 77.8856, 125.9983

Triad

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



61.0295, 77.8856, 104.7453



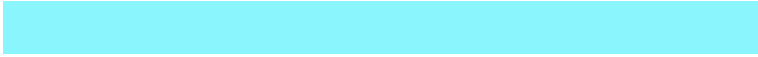
87.2810, 77.8856, 112.4105



75.3465, 77.8856, 48.2408

Complementary

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



61.0295, 77.8856, 104.7453



55.6034, 43.6155, 29.9162

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.



83.1265, 77.8856, 53.7374



61.0295, 77.8856, 104.7453



90.3242, 77.8856, 88.6140

Square

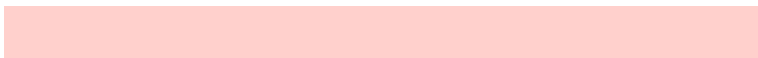
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.0295, 77.8856, 104.7453



80.6976, 77.8856, 130.9499



88.7522, 77.8856, 67.5696



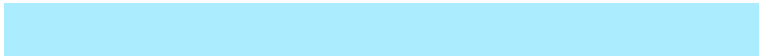
67.7362, 77.8856, 51.0151

Rectangle

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



61.0295, 77.8856, 104.7453



70.1620, 77.8856, 134.5241



88.7522, 77.8856, 67.5696



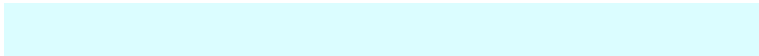
78.0334, 77.8856, 49.1489

Sweetspot

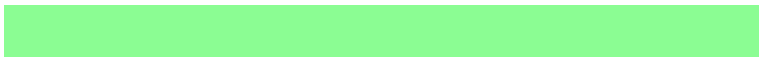
The Sweet Spot groups the original color and five complimentary colors.



61.0318, 77.8886, 104.7471



82.3200, 92.2590, 108.0768



51.0097, 77.8352, 39.7768



17.2447, 19.5153, 23.1079



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.



61.0318, 77.8886, 104.7471



58.1817, 76.5331, 106.3136



46.4478, 48.7206, 99.8858



18.4394, 20.2503, 23.1868



25.3186, 35.5468, 54.9614



2.4966, 3.5239, 5.3619

Inverse Universe

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



66.2240, 45.9425, 91.7668



64.1696, 40.6659, 91.1253



66.6679, 65.7445, 33.6043



18.7344, 18.2771, 22.4846



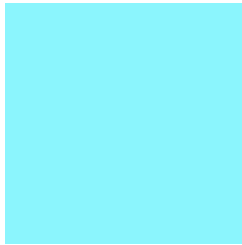
29.5679, 14.3164, 43.2363



2.8948, 1.4003, 4.2932

Previews

White Background



This preview shows how the XYZ color 61.0295, 77.8856, 104.7453 looks on a white background.

Color Contrast Check

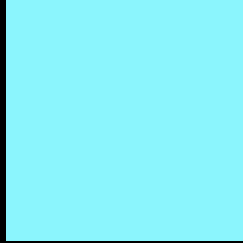
Large Text (above 18pt) WCAG AA × Fail

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 61.0295, 77.8856, 104.7453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

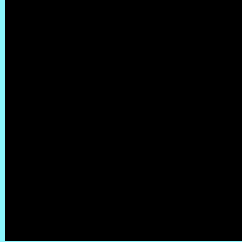
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.0295, 77.8856, 104.7453

Background



This preview shows how black text looks on a background with the XYZ color 61.0295, 77.8856, 104.7453.

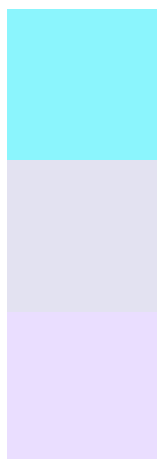


This preview shows how white text looks on a background with the XYZ color 61.0295, 77.8856,

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

61.0295, 77.8856, 104.7453

Protanopia

74.7521, 77.0745, 94.1561

Deuteranopia

78.1030, 76.9550, 105.3451



Tritanopia

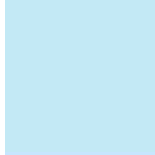
65.1464, 77.7557, 106.1825

Trichromacy



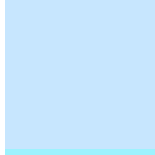
Original Color

61.0295, 77.8856, 104.7453



Protanomaly

68.1260, 76.4725, 97.5562



Deuteranomaly

69.7394, 75.8915, 104.7388



Tritanomaly

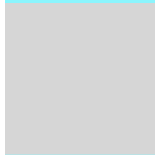
63.5462, 77.8281, 105.4390

Monochromacy



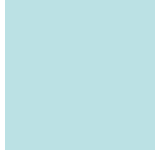
Original Color

61.0295, 77.8856, 104.7453



Achromatopsia

63.9157, 67.2443, 73.2291



Achromatomaly

61.4223, 70.0167, 83.6761

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0295, 77.8856, 104.7453 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(139, 245, 253)` looks like.

```
.text, #text, p{  
    color:rgb(139, 245, 253)  
}
```

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(139, 245, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 245, 253) }
```

Border

The CSS property to change the border of an element to XYZ 61.0295, 77.8856, 104.7453 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(139, 245, 253) }
```


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

```
.border{ border-color:rgb(139, 245, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 245, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 245, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 245, 253);  
box-shadow:4px 4px 4px 4px rgb(139, 245,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0295, 77.8856, 104.7453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 245, 253) }
```

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

```
.background{ background-color: rgb(139,  
245, 253) }
```

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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