

Converting Colors

XYZ(61.5000, 74.5496, 99.9462)

Have a look what the booklet for
XYZ(61.5000, 74.5496, 99.9462)
contains.

XYZ(61.5255, 74.7166, 99.9859)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(61.5255, 74.7166,
99.9859)**

Conversions

Conversions Part 1

Format	Color
Hex	9FEDF8
RGB	159, 237, 248
RGB Percent	62%, 93%, 97%
CMY	0.3765, 0.0706, 0.0274
CMYK	0.36, 0.04, 0.00, 0.03
HSL	187°, 86%, 80%
HSV	187°, 36%, 97%
XYZ	61.5255, 74.7166, 99.9859
YIQ	214.9320, -50.0190, -13.1150

Conversions

Conversions Part 2

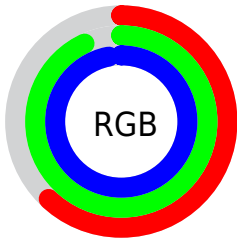
Format	Color
R _Y B	159, 201, 248
Decimal	10481144
CIE Lab	89.26, -21.18, -12.91
CIE LCh	89, 24.810, 211.367
Yxy	74.7166, 0.2604, 0.3163
Android (android.graphics.Color)	4288671224 (0xFF9FEDF8)
YUV	214.9320, 16.3025, -49.0524
Hunter-Lab	86.4388, -24.2149, -8.0751

Details

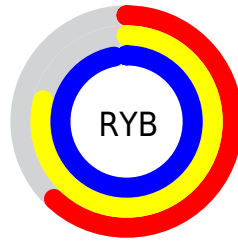
The XYZ color **61.5255, 74.7166, 99.9859** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **59.3452, 51.2099, 39.5593**, and the grayscale version is **64.4645, 67.8217, 73.8579**.

A 20% lighter version of the original color is **82.1289, 93.3389, 108.2953**, and **31.6318, 39.7371, 55.8720** is the 20% darker color. If you saturate the color by 10%, you get **56.2132, 70.6738, 99.4868**, and if you desaturate by 10%, it is **67.8441, 79.3042, 100.5397**.

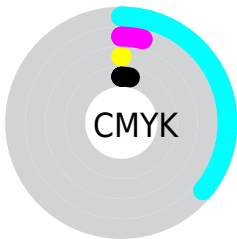
Distribution



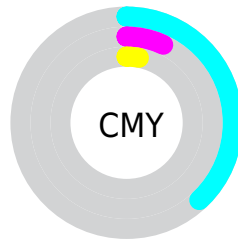
- Red (62%)
- Green (93%)
- Blue (97%)



- Red (62%)
- Yellow (79%)
- Blue (97%)



- Cyan (36%)
- Magenta (4%)
- Yellow (0%)
- Black (3%)



- Cyan (38%)
- Magenta (7%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.5255, 74.7166, 99.9859 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 61.5255, 74.7166, 99.9859 by changing the saturation by 10% instead.

61.5255, 74.7166,
99.9859

61.5255, 74.7166,
99.9859

419.9433,
476.9429, 581.3938

44.9036, 55.3808,
75.6719

106.1333,
125.9111, 163.1895

31.5824, 39.7066,
55.6585

134.8498,
158.5386, 202.9163

21.1967, 27.3099,
39.5270

168.3285,
196.3653, 248.6177

13.3812, 17.8061,
26.8590

206.9349,
239.7758, 300.7123

7.7703, 10.8109,
17.2358

251.0342,
289.1545, 359.6187

3.9989, 5.9398,
10.2391

300.9918,

1.7015, 2.8085,

344.8856, 425.7554

5.4501

357.1731,
407.3536, 499.5409

0.4572, 1.0326,
2.4504

0.0000, 0.0000,
0.8137

61.5255, 74.7166,
99.9859

61.5255, 74.7166,
99.9859

56.2132, 70.6738,
99.4868

67.8441, 79.3042,
100.5397

51.8409, 67.1363,
99.0345

75.2166, 84.4560,
101.1455

48.3453, 64.0729,
98.6274

83.6959, 90.2011,
101.8075

45.6518, 61.4453,
98.2622

92.1403, 95.9510,
102.4723

■ 43.6736, 59.2084,
97.9347

■ 93.0966, 97.8636,
102.7910

■ 42.3030, 57.3068,
97.6399

■ 93.9435, 99.5574,
103.0733

■ 41.8484, 56.5871,
97.5249

Harmonies

Analogous

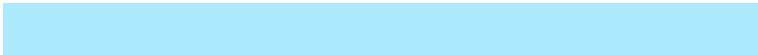
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



59.9941, 74.7166, 82.1520



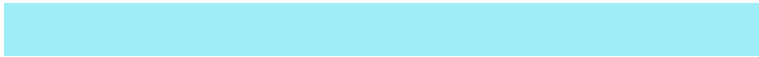
61.5255, 74.7166, 99.9859



65.5780, 74.7166, 114.2931

Triad

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



61.5255, 74.7166, 99.9859



81.7400, 74.7166, 98.4129



70.7384, 74.7166, 52.3488

Complementary

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



61.5255, 74.7166, 99.9859



59.3452, 51.2099, 39.5593

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.



76.7463, 74.7166, 55.4421



61.5255, 74.7166, 99.9859



83.3112, 74.7166, 80.5606

Square

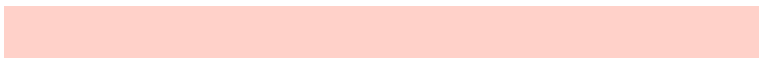
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.5255, 74.7166, 99.9859



77.2542, 74.7166, 113.2979



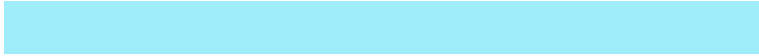
81.4352, 74.7166, 65.1931



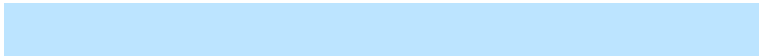
65.1228, 74.7166, 56.0606

Rectangle

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



61.5255, 74.7166, 99.9859



69.2813, 74.7166, 119.0005



81.4352, 74.7166, 65.1931



72.7791, 74.7166, 52.6240

Sweetspot

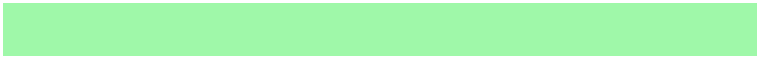
The Sweet Spot groups the original color and five complimentary colors.



61.5277, 74.7195, 99.9876



84.3770, 92.8712, 108.0865



55.0645, 77.3862, 49.7616



17.8005, 19.7019, 23.1146



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.



61.5277, 74.7195, 99.9876



61.3777, 76.4494, 106.1290



50.3387, 52.3415, 96.2580



17.5720, 19.2209, 22.1692



22.6770, 30.7096, 52.7059



2.1501, 2.9438, 4.8981

Inverse Universe

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



66.3974, 50.8690, 86.4432



67.3636, 47.9958, 89.2862



68.9879, 70.4954, 42.7735



17.8953, 17.4855, 21.3043



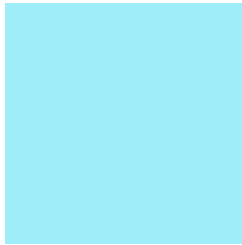
27.7383, 13.5111, 36.9261



2.5942, 1.2614, 3.5523

Previews

White Background



This preview shows how the XYZ color 61.5255, 74.7166, 99.9859 looks on a white background.

Color Contrast Check

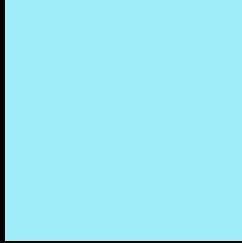
Large Text (above 18pt) WCAG AA × Fail

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 61.5255, 74.7166, 99.9859 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 61.5255, 74.7166, 99.9859

Background



This preview shows how black text looks on a background with the XYZ color 61.5255, 74.7166, 99.9859.

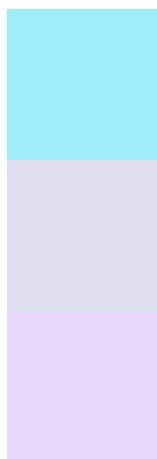


This preview shows how white text looks on a background with the XYZ color 61.5255, 74.7166,

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

61.5255, 74.7166, 99.9859

Protanopia

72.1327, 74.1625, 92.1744

Deuteranopia

75.9208, 74.3269, 102.4405



Tritanopia

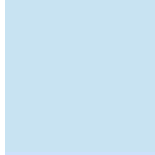
62.7434, 74.7880, 105.7363

Trichromacy



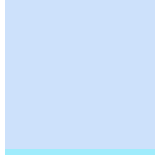
Original Color

61.5255, 74.7166, 99.9859



Protanomaly

67.3155, 73.6283, 94.6682



Deuteranomaly

69.5146, 73.7946, 101.8468



Tritanomaly

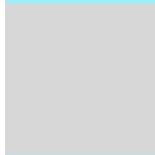
62.0633, 74.4928, 103.2029

Monochromacy



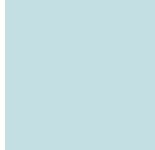
Original Color

61.5255, 74.7166, 99.9859



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

62.7585, 69.9235, 82.8619

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.5255, 74.7166, 99.9859 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(159, 237, 248)` looks like.

```
.text, #text, p{  
    color:rgb(159, 237, 248)  
}
```

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(159, 237, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 237, 248) }
```

Border

The CSS property to change the border of an element to XYZ 61.5255, 74.7166, 99.9859 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(159, 237, 248) }
```


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

```
.border{ border-color:rgb(159, 237, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 237, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 237, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 237, 248);  
box-shadow:4px 4px 4px 4px rgb(159, 237,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 61.5255, 74.7166, 99.9859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 237, 248) }
```

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

```
.background{ background-color: rgb(159,  
237, 248) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor