

Converting Colors

XYZ(61.2119, 81.1438, 97.2622)

Have a look what the booklet for
XYZ(61.2119, 81.1438, 97.2622)
contains.

XYZ(61.3046, 81.4102, 97.2767)	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(61.3046, 81.4102,
97.2767)**

Conversions

Conversions Part 1

Format	Color
Hex	89FCF3
RGB	137, 252, 243
RGB Percent	54%, 99%, 95%
CMY	0.4627, 0.0117, 0.0471
CMYK	0.46, 0.00, 0.04, 0.01
HSL	175°, 95%, 76%
HSV	175°, 46%, 99%
XYZ	61.3046, 81.4102, 97.2767
YIQ	216.5890, -65.6510, -27.1790

Conversions

Conversions Part 2

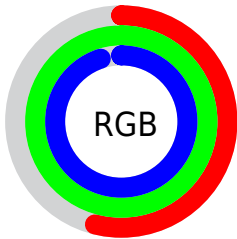
Format	Color
RYB	137, 197, 252
Decimal	9043187
CIELab	92.31, -34.87, -5.88
CIElCh	92, 35.358, 189.568
Yxy	81.4102, 0.2554, 0.3392
Android (android.graphics.Color)	4287233267 (0xFF89FCF3)
YUV	216.5890, 13.0206, -69.7996
Hunter-Lab	90.2276, -36.6176, -0.7628

Details

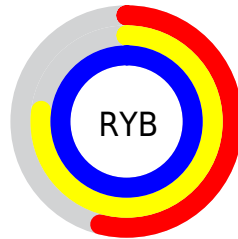
The XYZ color **61.3046, 81.4102, 97.2767** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **54.2816, 40.6645, 32.1852**, and the grayscale version is **65.6201, 69.0375, 75.1818**.

A 20% lighter version of the original color is **76.5750, 90.4758, 108.0354**, and **31.4652, 44.1546, 53.8780** is the 20% darker color. If you saturate the color by 10%, you get **57.3505, 79.4080, 95.5465**, and if you desaturate by 10%, it is **66.2313, 83.9174, 99.0727**.

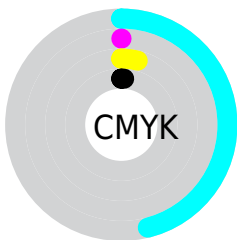
Distribution



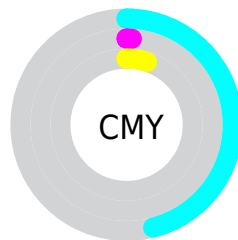
- Red (54%)
- Green (99%)
- Blue (95%)



- Red (54%)
- Yellow (77%)
- Blue (99%)



- Cyan (46%)
- Magenta (0%)
- Yellow (4%)
- Black (1%)





- Cyan (46%)
- Magenta (1%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.3046, 81.4102, 97.2767 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 61.3046, 81.4102, 97.2767 by changing the saturation by 10% instead.


 61.3046, 81.4102,
97.2767


 61.3046, 81.4102,
97.2767


419.1480,
499.6727, 572.5977

 44.7245, 60.8795,
73.4240


 105.8155,
135.3466, 159.4288

 31.4408, 44.1279,
53.8288


 134.4770,
169.5211, 198.5652

 21.0882, 30.7711,
38.0726


167.8963,
209.0123, 243.6333

 13.3013, 20.4246,
25.7367

206.4388,
254.2045, 295.0516

 7.7148, 12.7041,
16.4028

250.4699,
305.4823, 353.2387

 3.9633, 7.2251,
9.6522

300.3549,

 1.6814, 3.6033,

363.2300, 418.6130

5.0664

356.4592,
427.8320, 491.5931

0.4446, 1.4542,
2.2269

0.0000, 0.2562,
0.6898

61.3046, 81.4102,
97.2767

61.3046, 81.4102,
97.2767

57.3505, 79.4080,
95.5465

66.2313, 83.9174,
99.0727

54.2936, 77.8660,
93.8731


72.1850, 86.9516,
100.9318


52.0594, 76.7477,
92.2548


79.2246, 90.5453,
102.8586

50.5578, 76.0067,
90.6874


87.4024, 94.7254,
104.8554

 49.6775, 75.5857,
89.1655

 93.7599, 97.9667,
106.7840

 49.4166, 75.4654,
88.5120

 94.0757, 98.0930,
108.4468

 94.1017, 98.1034,
108.5839

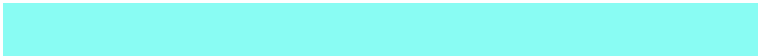
Harmonies

Analogous

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



62.0452, 81.4102, 72.2014



61.3046, 81.4102, 97.2767



64.6016, 81.4102, 124.7370

Triad

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



61.3046, 81.4102, 97.2767



89.1254, 81.4102, 133.3946



83.6789, 81.4102, 49.3367

Complementary

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



61.3046, 81.4102, 97.2767



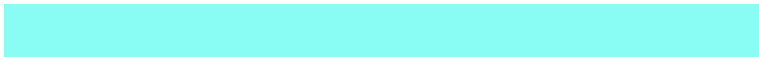
54.2816, 40.6645, 32.1852

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.



91.7367, 81.4102, 60.2827



61.3046, 81.4102, 97.2767



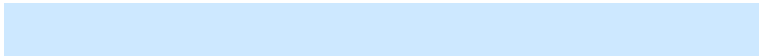
95.0490, 81.4102, 107.4059

Square

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



61.3046, 81.4102, 97.2767



80.3370, 81.4102, 148.1364



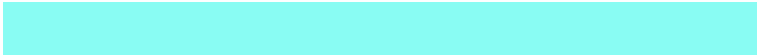
96.0406, 81.4102, 80.5338



74.4925, 81.4102, 47.6860

Rectangle

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



61.3046, 81.4102, 97.2767



68.8104, 81.4102, 139.5266



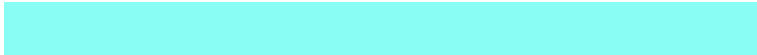
96.0406, 81.4102, 80.5338



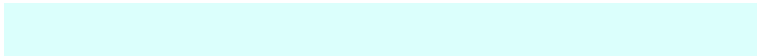
86.6287, 81.4102, 51.9311

Sweetspot

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



61.3070, 81.4134, 97.2786



82.6670, 93.6679, 105.9889



51.2863, 77.5948, 35.9430



17.3304, 19.8630, 22.5927



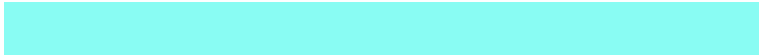
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



61.3070, 81.4134, 97.2786



59.1297, 81.6808, 98.2542



49.5024, 55.5748, 100.2169



17.7037, 19.5838, 21.9064



25.7661, 39.3194, 46.2391



2.4033, 3.6484, 4.3716

Inverse Universe

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



54.2816, 40.6645, 32.1852



51.0907, 34.9639, 23.7030



61.9946, 57.1675, 31.4357



17.2997, 17.2473, 18.1682



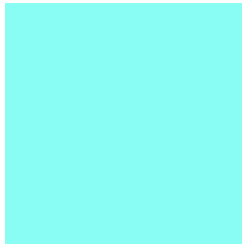
20.9965, 10.8143, 1.4242



1.9631, 1.0090, 0.2289

Previews

White Background



This preview shows how the XYZ color 61.3046, 81.4102, 97.2767 looks on a white background.

Color Contrast Check

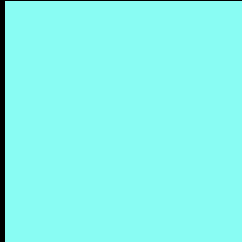
Large Text (above 18pt) WCAG AA × Fail

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 61.3046, 81.4102, 97.2767 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

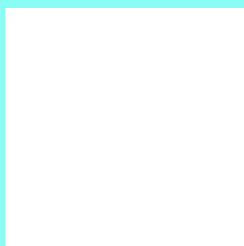
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.3046, 81.4102, 97.2767

Background



This preview shows how black text looks on a background with the XYZ color 61.3046, 81.4102, 97.2767.

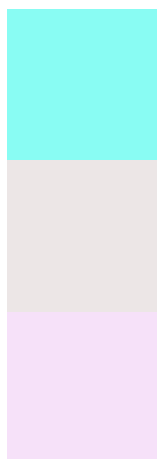


This preview shows how white text looks on a background with the XYZ color 61.3046, 81.4102,

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

61.3046, 81.4102, 97.2767

Protanopia

77.1718, 80.1397, 86.2640

Deuteranopia

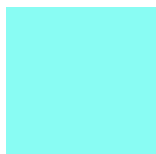
82.0301, 80.2828, 100.7952



Tritanopia

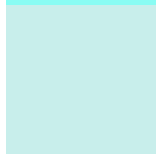
69.5693, 80.9146, 106.5591

Trichromacy



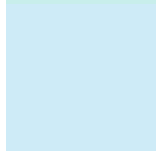
Original Color

61.3046, 81.4102, 97.2767



Protanomaly

69.3893, 79.4266, 90.2709



Deuteranomaly

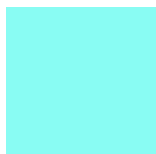
71.9504, 79.2539, 99.5010



Tritanomaly

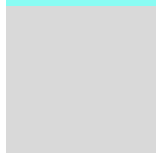
66.3047, 81.0921, 103.4245

Monochromacy



Original Color

61.3046, 81.4102, 97.2767



Achromatopsia

65.9525, 69.3872, 75.5626



Achromatomaly

62.7633, 72.7760, 82.6907

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3046, 81.4102, 97.2767 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(137, 252, 243)` looks like.

```
.text, #text, p{  
    color:rgb(137, 252, 243)  
}
```

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(137, 252, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 252, 243) }
```

Border

The CSS property to change the border of an element to XYZ 61.3046, 81.4102, 97.2767 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(137, 252, 243) }
```


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

```
.border{ border-color:rgb(137, 252, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 252, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(137, 252, 243); -webkit-box-shadow:4px 4px 4px 4px rgb(137, 252, 243); box-shadow:4px 4px 4px 4px rgb(137, 252, 243) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3046, 81.4102, 97.2767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 252, 243) }
```

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

```
.background{ background-color: rgb(137,  
252, 243) }
```

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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