

Converting Colors

XYZ(69.8311, 100.0000,
100.1817)

Have a look what the booklet for
XYZ(69.8311, 100.0000, 100.1817)
contains.

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Color

**XYZ(61.2977, 82.8164,
97.5484)**

Conversions

Conversions Part 1

Format	Color
Hex	83FFF3
RGB	131, 255, 243
RGB Percent	51%, 100%, 95%
CMY	0.4863, 0.0000, 0.0471
CMYK	0.49, 0.00, 0.05, 0.00
HSL	174°, 100%, 76%
HSV	174°, 49%, 100%
XYZ	61.2977, 82.8164, 97.5484
YIQ	216.5560, -70.0520, -30.0200

Conversions

Conversions Part 2

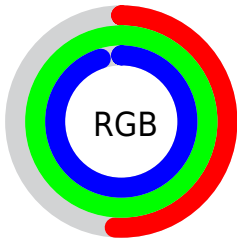
Format	Color
RYB	131, 196, 255
Decimal	8650739
CIELab	92.93, -37.55, -4.99
CIElCh	93, 37.885, 187.564
Yxy	82.8164, 0.2537, 0.3427
Android (android.graphics.Color)	4286840819 (0xFF83FFF3)
YUV	216.5560, 13.0369, -75.0326
Hunter-Lab	91.0035, -39.0230, 0.1484

Details

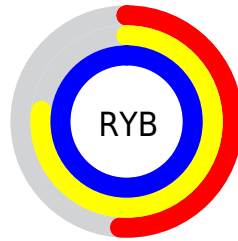
The XYZ color **61.2977, 82.8164, 97.5484** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **54.3151, 39.4771, 30.7449**, and the grayscale version is **65.5979, 69.0141, 75.1563**.

A 20% lighter version of the original color is **75.2959, 89.8164, 107.9755**, and **31.4785, 45.1693, 54.0732** is the 20% darker color. If you saturate the color by 10%, you get **57.4528, 80.8770, 95.4375**, and if you desaturate by 10%, it is **66.1213, 85.2596, 99.7340**.

Distribution



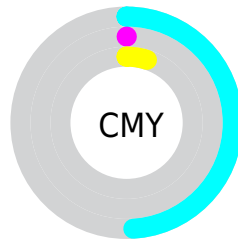
- Red (51%)
- Green (100%)
- Blue (95%)



- Red (51%)
- Yellow (77%)
- Blue (100%)



- Cyan (49%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)




- Cyan (49%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.2977, 82.8164, 97.5484 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 61.2977, 82.8164, 97.5484 by changing the saturation by 10% instead.


 61.2977, 82.8164,
97.5484


 61.2977, 82.8164,
97.5484


419.1232,
504.3744, 573.4831

 44.7189, 62.0387,
73.6493


 105.8055,
137.3183, 159.8064

 31.4364, 45.0640,
54.0120


 134.4653,
171.8113, 199.0023

 21.0849, 31.5078,
38.2180


 167.8828,
211.6448, 244.1343

 13.2989, 20.9858,
25.8488

206.4233,
257.2032, 295.6208

 7.7131, 13.1137,
16.4858

250.4523,
308.8710, 353.8803

 3.9622, 7.5069,
9.7105

300.3350,

 1.6807, 3.7811,

367.0326, 419.3316

5.1043

356.4369,
432.0722, 492.3930

■ 0.4442, 1.5519,
2.2488

■ 0.0000, 0.3248,
0.7023

■ 61.2977, 82.8164,
97.5484

■ 61.2977, 82.8164,
97.5484

■ 57.4528, 80.8770,
95.4375

■ 66.1213, 85.2596,
99.7340

■ 54.5111, 79.4026,
93.3936

■ 71.9860, 88.2390,
101.9932

■ 52.3907, 78.3512,
91.4140

■ 78.9521, 91.7857,
104.3303

■ 50.9937, 77.6720,
89.4941

■ 87.0750, 95.9281,
106.7480

■ 50.1803, 77.2932,
87.6273

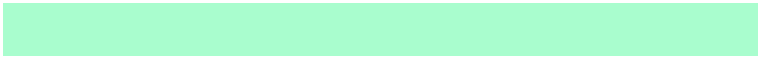
95.0500, 100.0000,
108.9000

■ 50.0887, 77.2515,
87.3737

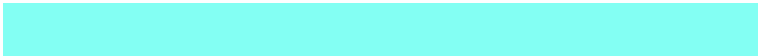
Harmonies

Analogous

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



62.3844, 82.8164, 70.9100



61.2977, 82.8164, 97.5484



64.5571, 82.8164, 127.6979

Triad

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



61.2977, 82.8164, 97.5484



90.9109, 82.8164, 140.7103



86.2122, 82.8164, 48.5559

Complementary

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



61.2977, 82.8164, 97.5484



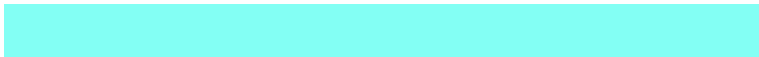
54.3151, 39.4771, 30.7449

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.



94.8037, 82.8164, 60.8298



61.2977, 82.8164, 97.5484



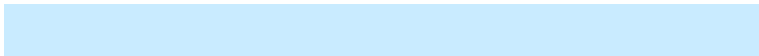
97.6713, 82.8164, 112.6423

Square

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



61.2977, 82.8164, 97.5484



81.2493, 82.8164, 155.8011



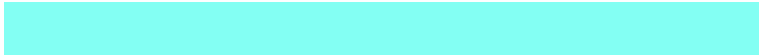
99.1526, 82.8164, 83.1790



76.2330, 82.8164, 46.1765

Rectangle

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



61.2977, 82.8164, 97.5484



68.9312, 82.8164, 144.5117



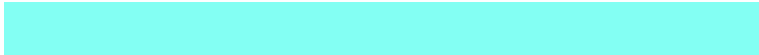
99.1526, 82.8164, 83.1790



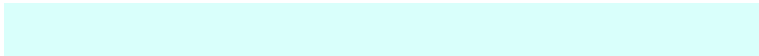
89.3822, 82.8164, 51.5147

Sweetspot

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



61.2987, 82.8168, 97.5499



81.7607, 93.2173, 105.1974



51.2548, 79.0346, 34.0282



17.1466, 19.7721, 22.4084



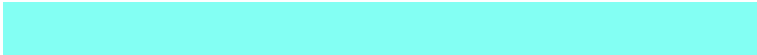
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



61.2987, 82.8168, 97.5499



57.6661, 80.9843, 95.5677



49.3384, 55.9008, 102.7973



18.4746, 20.4494, 22.8023



26.2034, 40.3780, 45.8180



2.5724, 3.9399, 4.5723

Inverse Universe

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



54.3151, 39.4771, 30.7449



49.9846, 33.1868, 21.9929



61.7803, 55.7852, 28.9858



18.0808, 18.0156, 19.0424



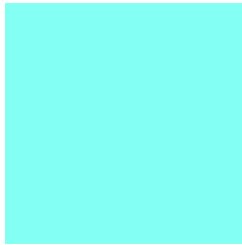
21.6622, 11.1542, 1.6055



2.1319, 1.0951, 0.2762

Previews

White Background



This preview shows how the XYZ color 61.2977, 82.8164, 97.5484 looks on a white background.

Color Contrast Check

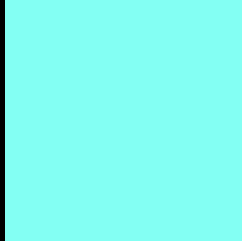
Large Text (above 18pt) WCAG AA × Fail

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 61.2977, 82.8164, 97.5484 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 61.2977, 82.8164, 97.5484

Background



This preview shows how black text looks on a background with the XYZ color 61.2977, 82.8164, 97.5484.

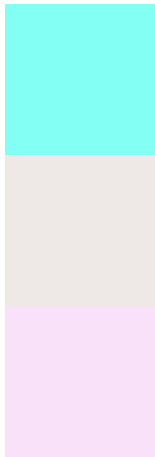


This preview shows how white text looks on a background with the XYZ color 61.2977, 82.8164,

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

61.2977, 82.8164, 97.5484

Protanopia

78.3994, 81.6035, 86.4819

Deuteranopia

83.3622, 81.3720, 100.9352



Tritanopia

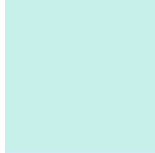
71.0869, 82.1400, 106.7157

Trichromacy



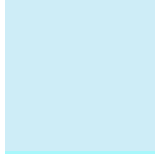
Original Color

61.2977, 82.8164, 97.5484



Protanomaly

69.7087, 80.4604, 90.4536



Deuteranomaly

72.5263, 80.4056, 99.6930



Tritanomaly

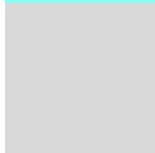
66.8218, 81.8114, 103.5361

Monochromacy



Original Color

61.2977, 82.8164, 97.5484



Achromatopsia

65.9525, 69.3872, 75.5626



Achromatomaly

62.5531, 73.0819, 82.7608

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2977, 82.8164, 97.5484 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(131, 255, 243)` looks like.

```
.text, #text, p{  
    color:rgb(131, 255, 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(131, 255, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 255, 243) }
```

Border

The CSS property to change the border of an element to XYZ 61.2977, 82.8164, 97.5484 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(131, 255, 243) }
```


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

```
.border{ border-color:rgb(131, 255, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 255, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 255, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 255, 243);  
box-shadow:4px 4px 4px 4px rgb(131, 255,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2977, 82.8164, 97.5484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 255, 243) }
```

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

```
.background{ background-color: rgb(131,  
255, 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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