

Converting Colors

XYZ(61.1312, 82.7579, 95.7004)

Have a look what the booklet for
XYZ(61.1312, 82.7579, 95.7004)
contains.

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Color

**XYZ(61.1529, 82.7764,
95.9734)**

Conversions

Conversions Part 1

Format	Color
Hex	84FFF1
RGB	132, 255, 241
RGB Percent	52%, 100%, 95%
CMY	0.4823, 0.0000, 0.0549
CMYK	0.48, 0.00, 0.05, 0.00
HSL	173°, 100%, 76%
HSV	173°, 48%, 100%
XYZ	61.1529, 82.7764, 95.9734
YIQ	216.6270, -68.8140, -30.4300

Conversions

Conversions Part 2

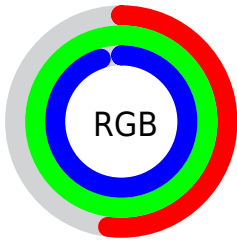
Format	Color
RYB	132, 197, 255
Decimal	8716273
CIELab	92.92, -37.82, -3.97
CIELCh	93, 38.028, 185.998
Yxy	82.7764, 0.2549, 0.3450
Android (android.graphics.Color)	4286906353 (0xFF84FFF1)
YUV	216.6270, 12.0159, -74.2179
Hunter-Lab	90.9815, -39.2396, 1.1440

Details

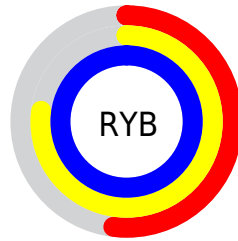
The XYZ color **61.1529, 82.7764, 95.9734** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **54.6805, 39.8393, 32.0032**, and the grayscale version is **65.6526, 69.0716, 75.2190**.

A 20% lighter version of the original color is **75.5482, 89.9465, 107.9873**, and **31.4053, 45.1562, 52.9597** is the 20% darker color. If you saturate the color by 10%, you get **57.2113, 80.7941, 93.5451**, and if you desaturate by 10%, it is **66.0779, 85.2648, 98.4866**.

Distribution



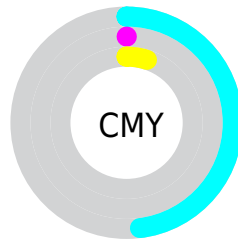
- Red (52%)
- Green (100%)
- Blue (95%)



- Red (52%)
- Yellow (77%)
- Blue (100%)



- Cyan (48%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)





- Cyan (48%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.1529, 82.7764, 95.9734 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 61.1529, 82.7764, 95.9734 by changing the saturation by 10% instead.


 61.1529, 82.7764,
95.9734


 61.1529, 82.7764,
95.9734


418.6014,
504.2410, 568.3403


 44.6016, 62.0057,
72.3440

 105.5972,
137.2622, 157.6158

 31.3437, 45.0373,
52.9512


 134.2208,
171.7462, 196.4660

 21.0138, 31.4868,
37.3764

 167.5993,
211.5700, 241.2269

 13.2466, 20.9698,
25.2010

206.0979,
257.1181, 292.3169

 7.6767, 13.1019,
16.0065

250.0821,
308.7748, 350.1548

 3.9389, 7.4988,
9.3743

299.9171,

 1.6676, 3.7759,

366.9247, 415.1589

4.8860

355.9685,
431.9519, 487.7479

■ 0.4359, 1.5490,
2.1230

■ 0.0000, 0.3229,
0.6294

■ 61.1529, 82.7764,
95.9734

■ 61.1529, 82.7764,
95.9734

■ 57.2113, 80.7941,
93.5451

■ 66.0779, 85.2648,
98.4866

■ 54.1777, 79.2791,
91.1938

■ 72.0482, 88.2913,
101.0835

■ 51.9708, 78.1895,
88.9169

■ 79.1242, 91.8870,
103.7686

■ 50.4934, 77.4752,
86.7097

■ 87.3609, 96.0803,
106.5445

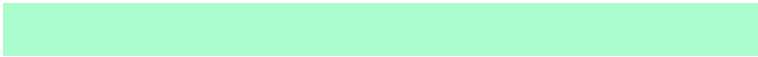
■ 49.6113, 77.0670, 95.0500, 100.0000,
84.5658 108.9000

■ 49.4845, 77.0098,
84.1921

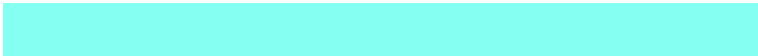
Harmonies

Analogous

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



62.4713, 82.7764, 69.6414



61.1529, 82.7764, 95.9734



64.2002, 82.7764, 126.2951

Triad

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



61.1529, 82.7764, 95.9734



90.4574, 82.7764, 142.0820



86.7123, 82.7764, 48.7917

Complementary

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



61.1529, 82.7764, 95.9734



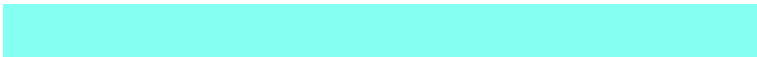
54.6805, 39.8393, 32.0032

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.



95.1801, 82.7764, 61.6250



61.1529, 82.7764, 95.9734



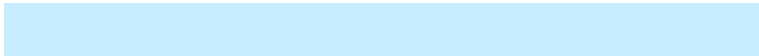
97.4666, 82.7764, 114.2866

Square

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



61.1529, 82.7764, 95.9734



80.6914, 82.7764, 156.2881



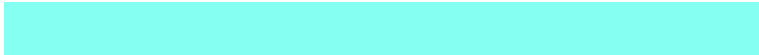
99.2636, 82.7764, 84.5276



76.6954, 82.7764, 45.9050

Rectangle

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



61.1529, 82.7764, 95.9734



68.4619, 82.7764, 143.5698



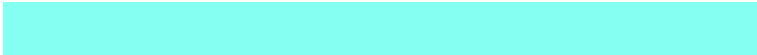
99.2636, 82.7764, 84.5276



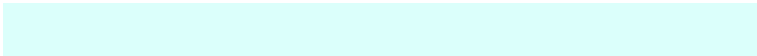
89.8597, 82.7764, 51.9304

Sweetspot

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



61.1539, 82.7769, 95.9749



82.4664, 93.5877, 104.9325



51.8423, 79.3296, 34.4113



17.2810, 19.8432, 22.3325



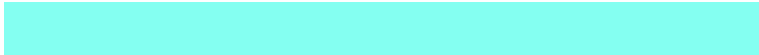
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



61.1539, 82.7769, 95.9749



57.2927, 80.8349, 93.6009



50.0863, 57.1655, 103.0020



18.4606, 20.4438, 22.7283



25.8923, 40.2535, 44.1796



2.5453, 3.9290, 4.4293

Inverse Universe

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



54.6805, 39.8393, 32.0032



50.1420, 33.2498, 22.8215



61.5560, 55.2277, 29.2472



18.0934, 18.0207, 19.1091



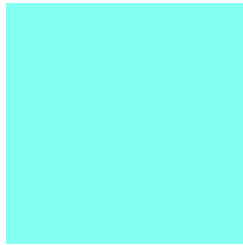
21.6914, 11.1658, 1.7593



2.1379, 1.0975, 0.3075

Previews

White Background



This preview shows how the XYZ color 61.1529, 82.7764, 95.9734 looks on a white background.

Color Contrast Check

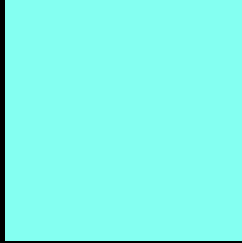
Large Text (above 18pt) WCAG AA × Fail

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 61.1529, 82.7764, 95.9734 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 61.1529, 82.7764, 95.9734

Background



This preview shows how black text looks on a background with the XYZ color 61.1529, 82.7764, 95.9734.



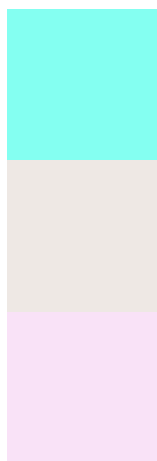
This preview shows how white text looks on a background with the XYZ color 61.1529, 82.7764,

95.9734.

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

61.1529, 82.7764, 95.9734

Protanopia

78.1201, 81.4918, 85.0109

Deuteranopia

83.0518, 81.2478, 99.3008



Tritanopia

71.0869, 82.1400, 106.7157

Trichromacy



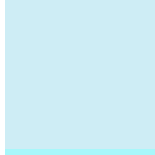
Original Color

61.1529, 82.7764, 95.9734



Protanomaly

69.4213, 80.3455, 88.9401



Deuteranomaly

72.2192, 80.2828, 98.0760



Tritanomaly

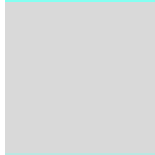
66.6645, 81.7485, 102.7079

Monochromacy



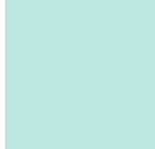
Original Color

61.1529, 82.7764, 95.9734



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 61.1529, 82.7764, 95.9734 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(132, 255, 241)` looks like.

```
.text, #text, p{  
    color:rgb(132, 255, 241)  
}
```

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(132, 255, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 255, 241) }
```

Border

The CSS property to change the border of an element to XYZ 61.1529, 82.7764, 95.9734 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(132, 255, 241) }
```


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

```
.border{ border-color:rgb(132, 255, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 255, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 255, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 255, 241);  
box-shadow:4px 4px 4px 4px rgb(132, 255,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1529, 82.7764, 95.9734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 255, 241) }
```

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

```
.background{ background-color: rgb(132,  
255, 241) }
```

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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