

Converting Colors

XYZ(69.7881, 100.0000,
101.2285)

Have a look what the booklet for
XYZ(69.7881, 100.0000, 101.2285)
contains.

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Color

**XYZ(61.1424, 82.7188,
98.3317)**

Conversions

Conversions Part 1

Format	Color
Hex	81FFF4
RGB	129, 255, 244
RGB Percent	51%, 100%, 96%
CMY	0.4941, 0.0000, 0.0431
CMYK	0.49, 0.00, 0.04, 0.00
HSL	175°, 100%, 75%
HSV	175°, 49%, 100%
XYZ	61.1424, 82.7188, 98.3317
YIQ	216.0720, -71.5650, -30.1330

Conversions

Conversions Part 2

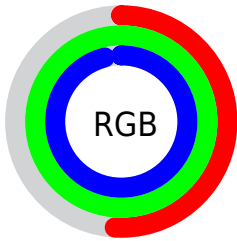
Format	Color
RYB	129, 195, 255
Decimal	8519668
CIELab	92.89, -37.74, -5.58
CIELCh	93, 38.145, 188.405
Yxy	82.7188, 0.2525, 0.3415
Android (android.graphics.Color)	4286709748 (0xFF81FFF4)
YUV	216.0720, 13.7685, -76.3621
Hunter-Lab	90.9499, -39.1630, -0.4373

Details

The XYZ color **61.1424, 82.7188, 98.3317** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **53.8248, 38.8554, 29.4752**, and the grayscale version is **65.2638, 68.6626, 74.7736**.

A 20% lighter version of the original color is **74.7963, 89.5588, 107.9521**, and **31.3855, 45.1090, 54.6297** is the 20% darker color. If you saturate the color by 10%, you get **57.4050, 80.8309, 96.4044**, and if you desaturate by 10%, it is **65.8523, 85.1075, 100.3287**.

Distribution



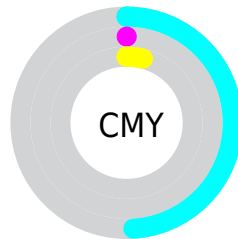
- Red (51%)
- Green (100%)
- Blue (96%)



- Red (51%)
- Yellow (76%)
- Blue (100%)



- Cyan (49%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)





- Cyan (49%)
- Magenta (0%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.1424, 82.7188, 98.3317 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 61.1424, 82.7188, 98.3317 by changing the saturation by 10% instead.


 61.1424, 82.7188,
98.3317


 61.1424, 82.7188,
98.3317


418.5635,
504.0489, 576.0315


 44.5931, 61.9582,
74.2989


 105.5820,
137.1815, 160.8945

 31.3369, 44.9989,
54.5404


 134.2031,
171.6525, 200.2616

 21.0086, 31.4566,
38.6378


 167.5787,
211.4623, 245.5771

 13.2428, 20.9468,
26.1724

206.0743,
256.9955, 297.2598

 7.6741, 13.0851,
16.7257

250.0552,
308.6363, 355.7280

 3.9372, 7.4872,
9.8793

299.8868,

 1.6667, 3.7686,

366.7692, 421.4003

5.2144

355.9345,
431.7786, 494.6953

■ 0.4353, 1.5450,
2.3127

■ 0.0000, 0.3201,
0.7383

■ 61.1424, 82.7188,
98.3317

■ 61.1424, 82.7188,
98.3317

■ 57.4050, 80.8309,
96.4044

■ 65.8523, 85.1075,
100.3287

■ 54.5637, 79.4045,
94.5387

■ 71.5974, 88.0294,
102.3942

■ 52.5358, 78.3969,
92.7324

■ 78.4385, 91.5159,
104.5323

■ 51.2217, 77.7569,
90.9805

■ 86.4312, 95.5956,
106.7460

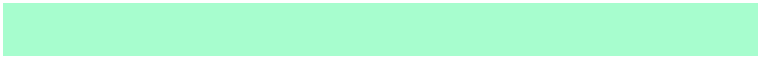
■ 50.4686, 77.4056, 95.0500, 100.0000,
89.2759 108.9000

■ 50.4310, 77.3884,
89.1762

Harmonies

Analogous

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



62.1112, 82.7188, 71.3348



61.1424, 82.7188, 98.3317



64.5365, 82.7188, 128.6559

Triad

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



61.1424, 82.7188, 98.3317



91.1411, 82.7188, 140.3005



85.8899, 82.7188, 48.0577

Complementary

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



61.1424, 82.7188, 98.3317



53.8248, 38.8554, 29.4752

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.



94.6203, 82.7188, 60.0864



61.1424, 82.7188, 98.3317



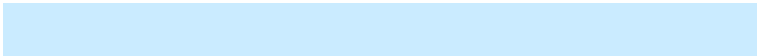
97.8259, 82.7188, 111.8204

Square

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



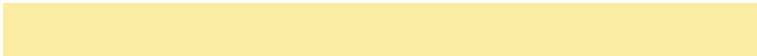
61.1424, 82.7188, 98.3317



81.4570, 82.7188, 156.0227



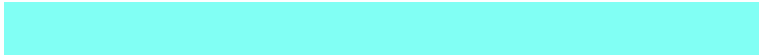
99.1503, 82.7188, 82.2783



75.8530, 82.7188, 45.9423

Rectangle

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



61.1424, 82.7188, 98.3317



69.0004, 82.7188, 145.3869



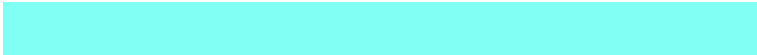
99.1503, 82.7188, 82.2783



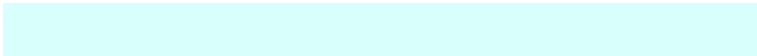
89.0983, 82.7188, 50.9314

Sweetspot

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



61.1435, 82.7193, 98.3332



81.8180, 93.2402, 105.4990



50.8104, 78.8210, 33.3067



17.1606, 19.7777, 22.4818



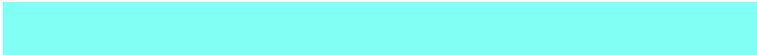
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



61.1435, 82.7193, 98.3332



57.5400, 80.8989, 96.4821



48.8403, 55.3600, 102.7191



18.4824, 20.4525, 22.8435



26.3796, 40.4485, 46.7459



2.5878, 3.9460, 4.6530

Inverse Universe

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



53.8248, 38.8554, 29.4752



49.4971, 32.5722, 20.7192



61.4038, 55.2471, 28.1981



18.0737, 18.0128, 19.0055



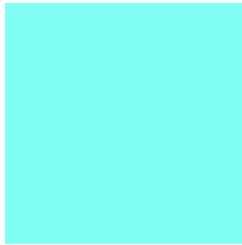
21.6476, 11.1483, 1.5288



2.1286, 1.0938, 0.2587

Previews

White Background



This preview shows how the XYZ color 61.1424, 82.7188, 98.3317 looks on a white background.

Color Contrast Check

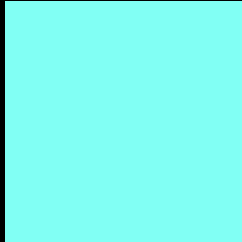
Large Text (above 18pt) WCAG AA × Fail

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 61.1424, 82.7188, 98.3317 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 61.1424, 82.7188, 98.3317

Background



This preview shows how black text looks on a background with the XYZ color 61.1424, 82.7188, 98.3317.



This preview shows how white text looks on a background with the XYZ color 61.1424, 82.7188,

Color Blindness Simulation

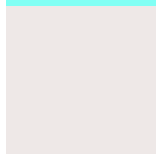
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



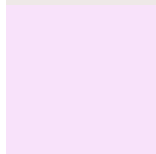
Original Color

61.1424, 82.7188, 98.3317



Protanopia

78.5403, 81.6599, 87.2237



Deuteranopia

83.1631, 81.2513, 101.7424



Tritanopia

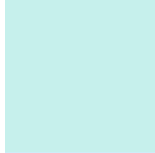
70.8396, 82.0126, 106.7041

Trichromacy



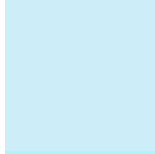
Original Color

61.1424, 82.7188, 98.3317



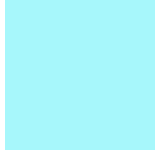
Protanomaly

69.5891, 80.3821, 91.2044



Deuteranomaly

72.4043, 80.3248, 100.4951



Tritanomaly

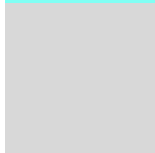
66.6097, 81.7021, 103.5262

Monochromacy



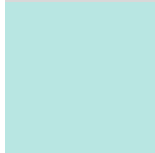
Original Color

61.1424, 82.7188, 98.3317



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

61.7914, 72.2750, 82.6452

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1424, 82.7188, 98.3317 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(129, 255, 244)` looks like.

```
.text, #text, p{  
    color:rgb(129, 255, 244)  
}
```

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(129, 255, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 255, 244) }
```

Border

The CSS property to change the border of an element to XYZ 61.1424, 82.7188, 98.3317 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(129, 255, 244) }
```


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

```
.border{ border-color:rgb(129, 255, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 255, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 255, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 255, 244);  
box-shadow:4px 4px 4px 4px rgb(129, 255,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1424, 82.7188, 98.3317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 255, 244) }
```

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

```
.background{ background-color: rgb(129,  
255, 244) }
```

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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