

Converting Colors

XYZ(61.5567, 83.0849, 91.4574)

Have a look what the booklet for
XYZ(61.5567, 83.0849, 91.4574)
contains.

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Color

**XYZ(61.5706, 83.0936,
91.3908)**

Conversions

Conversions Part 1

Format	Color
Hex	8CFFEB
RGB	140, 255, 235
RGB Percent	55%, 100%, 92%
CMY	0.4510, 0.0000, 0.0784
CMYK	0.45, 0.00, 0.08, 0.00
HSL	170°, 100%, 77%
HSV	170°, 45%, 100%
XYZ	61.5706, 83.0936, 91.3908
YIQ	218.3350, -62.1200, -30.6000

Conversions

Conversions Part 2

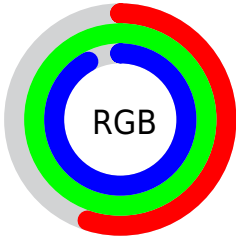
Format	Color
RYB	140, 203, 255
Decimal	9240555
CIELab	93.06, -37.44, -0.63
CIELCh	93, 37.443, 180.968
Yxy	83.0936, 0.2608, 0.3520
Android (android.graphics.Color)	4287430635 (0xFF8CFEB)
YUV	218.3350, 8.2158, -68.6998
Hunter-Lab	91.1557, -38.9556, 4.3661

Details

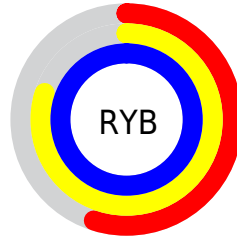
The XYZ color **61.5706, 83.0936, 91.3908** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **56.9640, 42.5555, 38.4705**, and the grayscale version is **66.8477, 70.3290, 76.5883**.

A 20% lighter version of the original color is **77.3632, 90.8821, 108.0723**, and **31.6390, 45.3483, 49.7334** is the 20% darker color. If you saturate the color by 10%, you get **57.1279, 80.8764, 87.8810**, and if you desaturate by 10%, it is **67.0267, 85.8313, 95.0342**.

Distribution



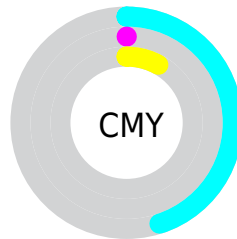
- Red (55%)
- Green (100%)
- Blue (92%)



- Red (55%)
- Yellow (80%)
- Blue (100%)



- Cyan (45%)
- Magenta (0%)
- Yellow (8%)
- Black (0%)




- Cyan (45%)
- Magenta (0%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.5706, 83.0936, 91.3908 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 61.5706, 83.0936, 91.3908 by changing the saturation by 10% instead.


 61.5706, 83.0936,
91.3908


 61.5706, 83.0936,
91.3908


420.1056,
505.2984, 553.2312

 44.9401, 62.2674,
68.5545


 106.1981,
137.7065, 151.2211

 31.6113, 45.2488,
49.8795


 134.9259,
172.2621, 189.0523

 21.2189, 31.6534,
34.9472


168.4168,
212.1628, 232.7188

 13.3975, 21.0969,
23.3389

207.0361,
257.7931, 282.6393

 7.7817, 13.1949,
14.6363

251.1494,
309.5374, 339.2322

 4.0062, 7.5629,
8.4208

301.1218,

 1.7056, 3.8165,

367.7802, 402.9161

4.2737

357.3187,
432.9057, 474.1096

■ 0.4598, 1.5715,
1.7767

■ 0.0000, 0.3383,
0.4125

■ 61.5706, 83.0936,
91.3908

■ 61.5706, 83.0936,
91.3908

■ 57.1279, 80.8764,
87.8810

■ 67.0267, 85.8313,
95.0342

■ 53.6259, 79.1423,
84.4967

■ 73.5564, 89.1207,
98.8104

■ 50.9866, 77.8512,
81.2349

■ 81.2188, 92.9921,
102.7242

■ 49.1182, 76.9556,
78.0908

■ 90.0676, 97.4733,
106.7786

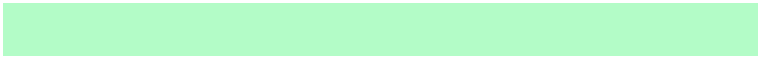
■ 47.9073, 76.3973, 95.0500, 100.0000,
75.0583 108.9000

■ 47.4746, 76.2058,
73.6083

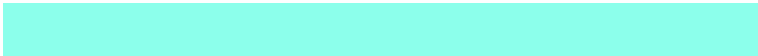
Harmonies

Analogous

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



63.5990, 83.0936, 66.6971



61.5706, 83.0936, 91.3908



63.8753, 83.0936, 121.2343

Triad

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



61.5706, 83.0936, 91.3908



89.0927, 83.0936, 145.1855



88.4957, 83.0936, 50.9665

Complementary

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



61.5706, 83.0936, 91.3908



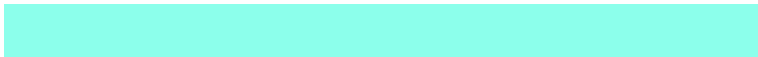
56.9640, 42.5555, 38.4705

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.



96.2913, 83.0936, 65.4150



61.5706, 83.0936, 91.3908



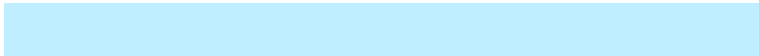
96.6556, 83.0936, 119.3226

Square

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



61.5706, 83.0936, 91.3908



79.2972, 83.0936, 155.9930



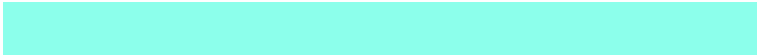
99.3912, 83.0936, 89.5650



78.6596, 83.0936, 46.4778

Rectangle

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



61.5706, 83.0936, 91.3908



67.6788, 83.0936, 139.2910



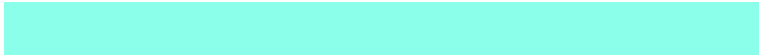
99.3912, 83.0936, 89.5650



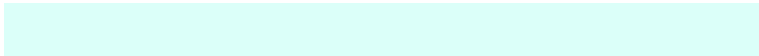
91.4696, 83.0936, 54.6483

Sweetspot

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



61.5716, 83.0941, 91.3923



82.1302, 93.4532, 103.1618



55.2094, 80.9996, 37.5372



17.1983, 19.8101, 21.8969



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

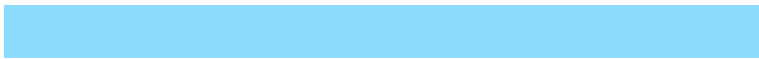
The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.5716, 83.0941, 91.3923



57.5679, 81.0953, 88.2598



54.0892, 63.2424, 103.9639



18.4113, 20.4240, 22.4687



24.8562, 39.8391, 38.7233



2.4542, 3.8926, 3.9497

Inverse Universe

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



56.9640, 42.5555, 38.4705



52.4624, 35.9830, 29.4759



61.5816, 54.3690, 32.0611



18.1383, 18.0386, 19.3453



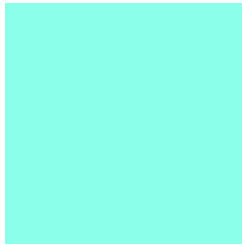
21.8269, 11.2201, 2.4732



2.1590, 1.1060, 0.4189

Previews

White Background



This preview shows how the XYZ color 61.5706, 83.0936, 91.3908 looks on a white background.

Color Contrast Check

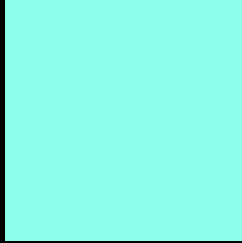
Large Text (above 18pt) WCAG AA × Fail

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 61.5706, 83.0936, 91.3908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

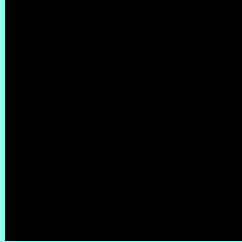
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.5706, 83.0936, 91.3908

Background



This preview shows how black text looks on a background with the XYZ color 61.5706, 83.0936, 91.3908.

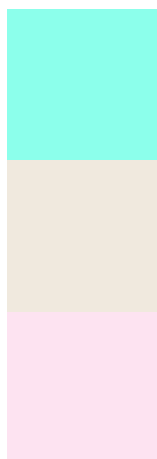


This preview shows how white text looks on a background with the XYZ color 61.5706, 83.0936,

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

61.5706, 83.0936, 91.3908

Protanopia

78.2589, 82.0770, 80.8250

Deuteranopia

83.8543, 82.1717, 94.6602



Tritanopia

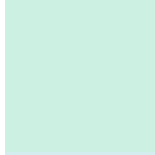
71.8388, 82.5277, 106.7509

Trichromacy



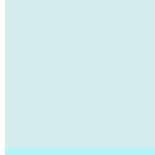
Original Color

61.5706, 83.0936, 91.3908



Protanomaly

70.2223, 81.2940, 84.6633



Deuteranomaly

73.0156, 80.7974, 93.4085



Tritanomaly

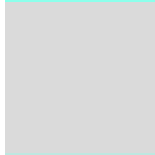
67.4376, 82.1831, 101.1155

Monochromacy



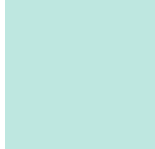
Original Color

61.5706, 83.0936, 91.3908



Achromatopsia

66.6397, 70.1102, 76.3500



Achromatomaly

63.2657, 73.4808, 81.3698

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.5706, 83.0936, 91.3908 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(140, 255, 235)` looks like.

```
.text, #text, p{  
    color:rgb(140, 255, 235)  
}
```

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(140, 255, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 255, 235) }
```

Border

The CSS property to change the border of an element to XYZ 61.5706, 83.0936, 91.3908 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(140, 255, 235) }
```


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

```
.border{ border-color:rgb(140, 255, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 255, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 255, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 255, 235);  
box-shadow:4px 4px 4px 4px rgb(140, 255,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 61.5706, 83.0936, 91.3908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 255, 235) }
```

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

```
.background{ background-color: rgb(140,  
255, 235) }
```

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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