

Converting Colors

XYZ(61.2056, 83.1300, 81.2264)

Have a look what the booklet for
XYZ(61.2056, 83.1300, 81.2264)
contains.

XYZ(61.2056, 83.1300, 81.2264)	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(61.2056, 83.1300,
81.2264)**

Conversions

Conversions Part 1

Format	Color
Hex	95FFDD
RGB	149, 255, 221
RGB Percent	58%, 100%, 87%
CMY	0.4157, 0.0000, 0.1333
CMYK	0.42, 0.00, 0.13, 0.00
HSL	161°, 100%, 79%
HSV	161°, 42%, 100%
XYZ	61.2056, 83.1300, 81.2264
YIQ	219.4300, -52.2620, -33.0460

Conversions

Conversions Part 2

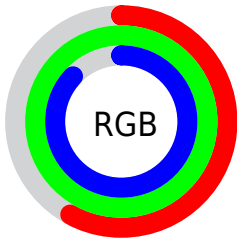
Format	Color
RYB	149, 212, 255
Decimal	9830365
CIELab	93.07, -38.36, 6.67
CIELCh	93, 38.938, 170.143
Yxy	83.1300, 0.2713, 0.3685
Android (android.graphics.Color)	4288020445 (0xFF95FFDD)
YUV	219.4300, 0.7740, -61.7671
Hunter-Lab	91.1757, -39.7316, 11.0028

Details

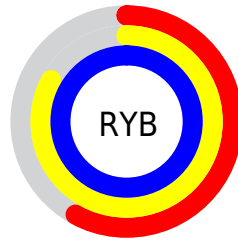
The XYZ color **61.2056, 83.1300, 81.2264** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **60.5354, 46.1750, 50.5227**, and the grayscale version is **67.6514, 71.1746, 77.5091**.

A 20% lighter version of the original color is **79.5421, 92.0054, 108.1742**, and **31.3914, 45.3655, 43.1783** is the 20% darker color. If you saturate the color by 10%, you get **55.9884, 80.5633, 75.4324**, and if you desaturate by 10%, it is **67.4961, 86.2439, 87.3506**.

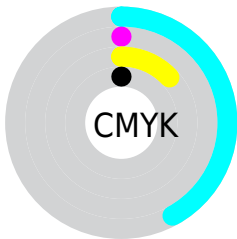
Distribution



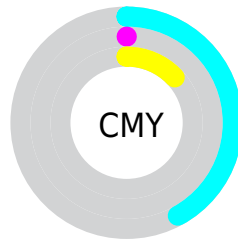
- Red (58%)
- Green (100%)
- Blue (87%)



- Red (58%)
- Yellow (83%)
- Blue (100%)



- Cyan (42%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)





- Cyan (42%)
- Magenta (0%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.2056, 83.1300, 81.2264 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 61.2056, 83.1300, 81.2264 by changing the saturation by 10% instead.


 61.2056, 83.1300,
81.2264


 61.2056, 83.1300,
81.2264


418.7913,
505.4197, 518.8717

 44.6443, 62.2974,
60.1960


 105.6730,
137.7575, 136.9155

 31.3774, 45.2730,
43.1503


 134.3098,
172.3212, 172.4114

 21.0396, 31.6726,
29.6708

167.7025,
212.2308, 213.5661

 13.2656, 21.1115,
19.3389

206.2164,
257.8705, 260.7982

 7.6900, 13.2055,
11.7361

250.2168,
309.6249, 314.5263

 3.9473, 7.5702,
6.4439

300.0693,

 1.6724, 3.8212,

367.8783, 375.1688

3.0437

356.1390,
433.0151, 443.1445

■ 0.4389, 1.5741,
1.1170

■ 0.0000, 0.3400,
0.0000

■ 61.2056, 83.1300,
81.2264

■ 61.2056, 83.1300,
81.2264

■ 55.9884, 80.5633,
75.4324

■ 67.4961, 86.2439,
87.3506

■ 51.7739, 78.5075,
69.9571

■ 74.9191, 89.9353,
93.8074

■ 48.4870, 76.9239,
64.7946

■ 83.5324, 94.2342,
100.6047

■ 46.0404, 75.7676,
59.9366

■ 93.3892, 99.1676,
107.7486

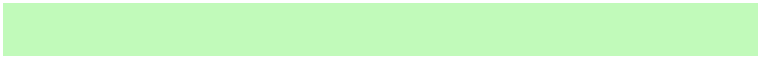
■ 44.3291, 74.9846, 95.0500, 100.0000,
55.3741 108.9000

■ 43.3231, 74.5452,
51.7468

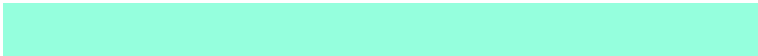
Harmonies

Analogous

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



64.8799, 83.1300, 59.0512



61.2056, 83.1300, 81.2264



61.9772, 83.1300, 111.2897

Triad

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



61.2056, 83.1300, 81.2264



85.9679, 83.1300, 154.2268



92.2740, 83.1300, 53.8503

Complementary

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



61.2056, 83.1300, 81.2264



60.5354, 46.1750, 50.5227

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.



98.9143, 83.1300, 72.5003



61.2056, 83.1300, 81.2264



95.0616, 83.1300, 131.5407

Square

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



61.2056, 83.1300, 81.2264



75.6992, 83.1300, 157.9787



99.9762, 83.1300, 100.4848



82.4213, 83.1300, 45.6515

Rectangle

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



61.2056, 83.1300, 81.2264



64.9351, 83.1300, 131.8167



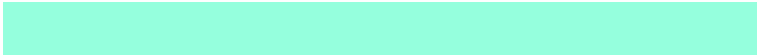
99.9762, 83.1300, 100.4848



94.9904, 83.1300, 58.8897

Sweetspot

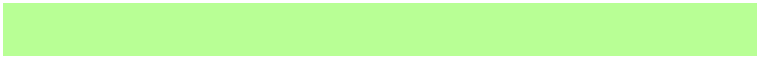
The Sweet Spot groups the original color and five complimentary colors.



61.2065, 83.1305, 81.2278



83.1343, 94.0352, 100.3034



61.0328, 83.9219, 41.4170



17.5400, 20.0004, 21.2752



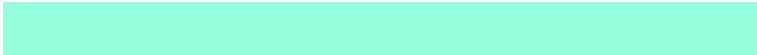
0.0000, 0.0000, 0.0000



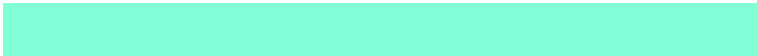
20.3446, 21.4041, 23.3091

Same Dimension

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



61.2065, 83.1305, 81.2278



56.7380, 80.9309, 76.3193



60.8260, 74.3718, 105.7571



18.2924, 20.3765, 21.8428



22.7084, 38.9800, 27.4134



2.2609, 3.8153, 2.9320

Inverse Universe

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



60.5354, 46.1750, 50.5227



55.9989, 39.4101, 41.8946



60.4234, 50.9466, 35.0843



18.2495, 18.0831, 19.9308



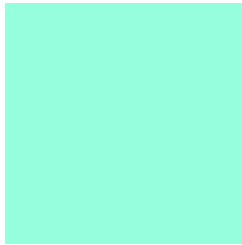
22.4004, 11.4494, 5.4928



2.2284, 1.1337, 0.7843

Previews

White Background



This preview shows how the XYZ color 61.2056, 83.1300, 81.2264 looks on a white background.

Color Contrast Check

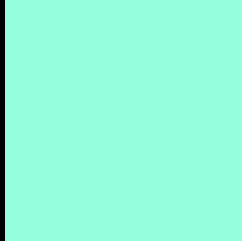
Large Text (above 18pt) WCAG AA × Fail

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 61.2056, 83.1300, 81.2264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

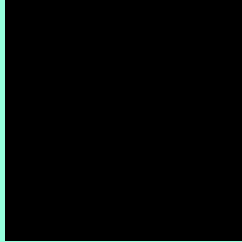
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

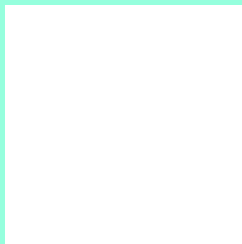
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.2056, 83.1300, 81.2264

Background



This preview shows how black text looks on a background with the XYZ color 61.2056, 83.1300, 81.2264.

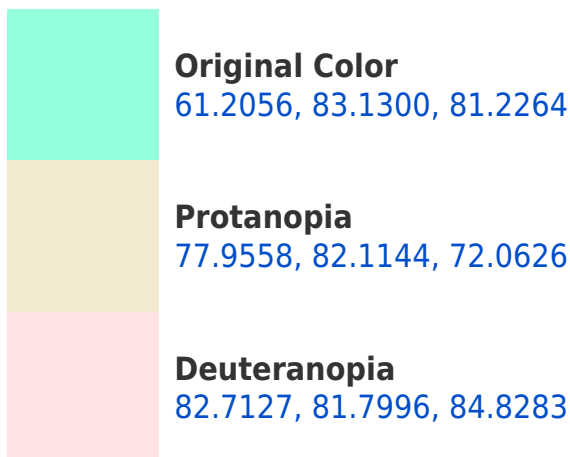


This preview shows how white text looks on a background with the XYZ color 61.2056, 83.1300,

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





Tritanopia

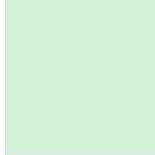
72.6063, 82.9233, 106.7868

Trichromacy



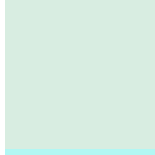
Original Color

61.2056, 83.1300, 81.2264



Protanomaly

69.7600, 81.2700, 74.9607



Deuteranomaly

72.1937, 80.6035, 82.9872



Tritanomaly

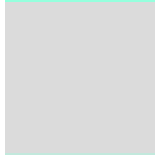
67.7985, 82.4576, 97.1366

Monochromacy



Original Color

61.2056, 83.1300, 81.2264



Achromatopsia

67.3311, 70.8376, 77.1421



Achromatomaly

64.0230, 74.3499, 78.6867

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2056, 83.1300, 81.2264 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(149, 255, 221)` looks like.

```
.text, #text, p{  
    color:rgb(149, 255, 221)  
}
```

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(149, 255, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 255, 221) }
```

Border

The CSS property to change the border of an element to XYZ 61.2056, 83.1300, 81.2264 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(149, 255, 221) }
```


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

```
.border{ border-color:rgb(149, 255, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 255, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 255, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 255, 221);  
box-shadow:4px 4px 4px 4px rgb(149, 255,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2056, 83.1300, 81.2264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 255, 221) }
```

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

```
.background{ background-color: rgb(149,  
255, 221) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor