

Converting Colors

XYZ(61.0696, 83.1953, 75.1023)

Have a look what the booklet for
XYZ(61.0696, 83.1953, 75.1023)
contains.

XYZ(61.1612, 83.2420, 75.1311)	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(61.1612, 83.2420,
75.1311)**

Conversions

Conversions Part 1

Format	Color
Hex	9BFFD4
RGB	155, 255, 212
RGB Percent	61%, 100%, 83%
CMY	0.3921, 0.0000, 0.1686
CMYK	0.39, 0.00, 0.17, 0.00
HSL	154°, 100%, 80%
HSV	154°, 39%, 100%
XYZ	61.1612, 83.2420, 75.1311
YIQ	220.1980, -45.7970, -34.5730

Conversions

Conversions Part 2

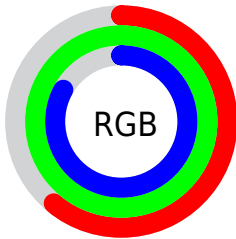
Format	Color
RYB	155, 219, 255
Decimal	10223572
CIELab	93.12, -38.68, 11.41
CIELCh	93, 40.325, 163.570
Yxy	83.2420, 0.2786, 0.3792
Android (android.graphics.Color)	4288413652 (0xFF9BFFD4)
YUV	220.1980, -4.0416, -57.1786
Hunter-Lab	91.2371, -40.0065, 15.0423

Details

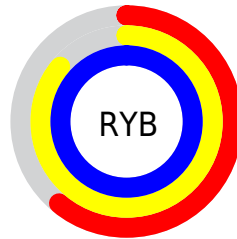
The XYZ color **61.1612, 83.2420, 75.1311** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **63.1549, 48.7808, 59.5134**, and the grayscale version is **68.2159, 71.7684, 78.1558**.

A 20% lighter version of the original color is **81.2506, 92.8861, 108.2542**, and **31.4255, 45.4751, 39.0196** is the 20% darker color. If you saturate the color by 10%, you get **55.4368, 80.4454, 67.8870**, and if you desaturate by 10%, it is **68.0144, 86.6097, 82.9212**.

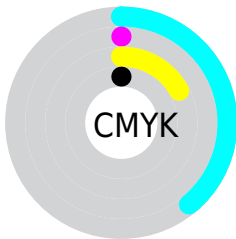
Distribution



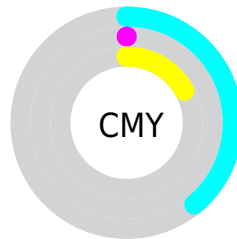
- Red (61%)
- Green (100%)
- Blue (83%)



- Red (61%)
- Yellow (86%)
- Blue (100%)



- Cyan (39%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)





- Cyan (39%)
- Magenta (0%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.1612, 83.2420, 75.1311 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 61.1612, 83.2420, 75.1311 by changing the saturation by 10% instead.


 61.1612, 83.2420,
75.1311


 61.1612, 83.2420,
75.1311


418.6313,
505.7927, 497.6355

 44.6083, 62.3898,
55.2179


 105.6091,
137.9144, 128.2467

 31.3490, 45.3477,
39.1764


 134.2348,
172.5033, 162.2863

 21.0179, 31.7314,
26.5881


167.6155,
212.4400, 201.8716

 13.2496, 21.1564,
17.0344

206.1166,
258.1087, 247.4214

 7.6788, 13.2384,
10.0968

250.1033,
309.8940, 299.3542

 3.9402, 7.5929,
5.3568

299.9411,

 1.6684, 3.8356,

368.1801, 358.0884

2.3957

355.9953,
433.3516, 424.0427

■ 0.4363, 1.5820,
0.7841

■ 0.0000, 0.3454,
0.0000

■ 61.1612, 83.2420,
75.1311

■ 61.1612, 83.2420,
75.1311

■ 55.4368, 80.4454,
67.8870

■ 68.0144, 86.6097,
82.9212

■ 50.7714, 78.1841,
61.1718

■ 76.0558, 90.5788,
91.2652

■ 47.0908, 76.4200,
54.9736

■ 85.3431, 95.1789,
100.1765

■ 44.3095, 75.1094,
49.2779

95.0500, 100.0000,
108.9000

■ 42.3264, 74.2003,
44.0694

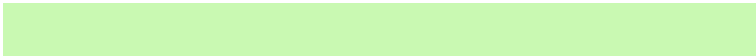
■ 40.9900, 73.6149,
39.3299

■ 40.8980, 73.5752,
38.9766

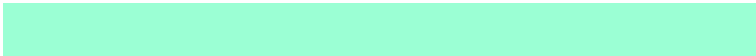
Harmonies

Analogous

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



65.9056, 83.2420, 54.6281



61.1612, 83.2420, 75.1311



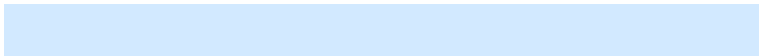
60.9400, 83.2420, 105.0101

Triad

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



61.1612, 83.2420, 75.1311



83.9904, 83.2420, 159.9141



94.7981, 83.2420, 56.1091

Complementary

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



61.1612, 83.2420, 75.1311



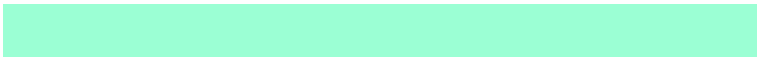
63.1549, 48.7808, 59.5134

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.



100.5954, 83.2420, 77.6381



61.1612, 83.2420, 75.1311



93.9901, 83.2420, 139.7598

Square

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



61.1612, 83.2420, 75.1311



73.5016, 83.2420, 158.8172



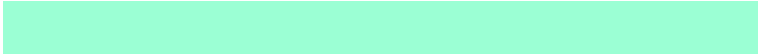
100.2871, 83.2420, 108.1404



85.0156, 83.2420, 45.4404

Rectangle

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



61.1612, 83.2420, 75.1311



63.3456, 83.2420, 126.8333



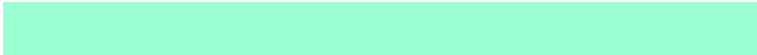
100.2871, 83.2420, 108.1404



97.3149, 83.2420, 62.0784

Sweetspot

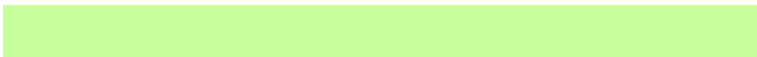
The Sweet Spot groups the original color and five complimentary colors.



61.1620, 83.2424, 75.1325



82.6279, 93.8326, 97.6368



65.0537, 85.9380, 44.1705



17.4206, 19.9526, 20.6466



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.



61.1620, 83.2424, 75.1325



56.6109, 81.0174, 69.4455



65.2381, 81.5289, 106.9060



18.2055, 20.3417, 21.3849



21.4465, 38.4752, 20.7681



2.1430, 3.7681, 2.3106

Inverse Universe

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



63.1549, 48.7808, 59.5134



58.8608, 42.2042, 51.8807



60.0187, 49.3509, 37.3738



18.3336, 18.1168, 20.3739



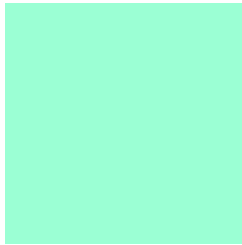
23.0808, 11.7216, 9.0758



2.3008, 1.1627, 1.1652

Previews

White Background



This preview shows how the XYZ color 61.1612, 83.2420, 75.1311 looks on a white background.

Color Contrast Check

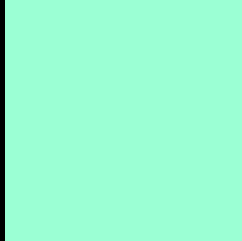
Large Text (above 18pt) WCAG AA × Fail

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 61.1612, 83.2420, 75.1311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

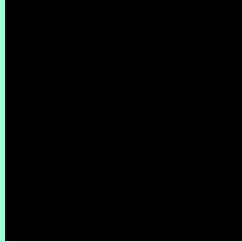
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.1612, 83.2420, 75.1311

Background



This preview shows how black text looks on a background with the XYZ color 61.1612, 83.2420, 75.1311.



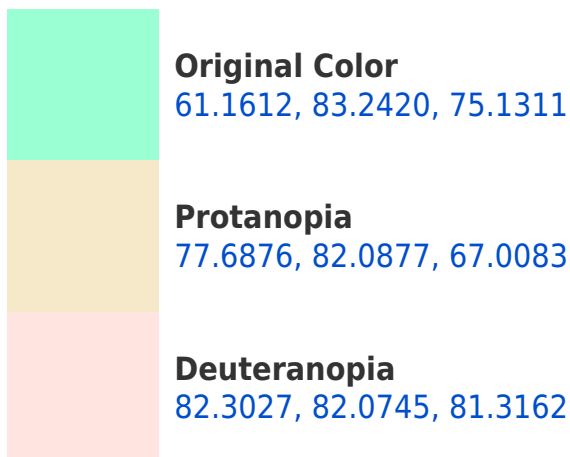
This preview shows how white text looks on a background with the XYZ color 61.1612, 83.2420,

75.1311.

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

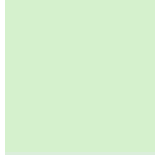
72.8281, 82.5946, 106.7116

Trichromacy



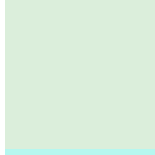
Original Color

61.1612, 83.2420, 75.1311



Protanomaly

69.9153, 81.4645, 69.7969



Deuteranomaly

72.5741, 81.3236, 78.8898



Tritanomaly

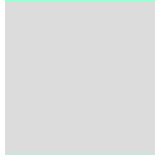
68.1322, 82.6986, 94.0328

Monochromacy



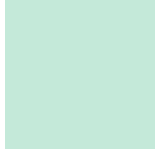
Original Color

61.1612, 83.2420, 75.1311



Achromatopsia

68.0267, 71.5694, 77.9390



Achromatomaly

64.4282, 75.0233, 76.7309

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1612, 83.2420, 75.1311 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(155, 255, 212)` looks like.

```
.text, #text, p{  
    color:rgb(155, 255, 212)  
}
```

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(155, 255, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 255, 212) }
```

Border

The CSS property to change the border of an element to XYZ 61.1612, 83.2420, 75.1311 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(155, 255, 212) }
```


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

```
.border{ border-color:rgb(155, 255, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 255, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 255, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 255, 212);  
box-shadow:4px 4px 4px 4px rgb(155, 255,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1612, 83.2420, 75.1311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 255, 212) }
```

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

```
.background{ background-color: rgb(155,  
255, 212) }
```

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