

Converting Colors

XYZ(61.2728, 81.9227, 81.7895)

Have a look what the booklet for
XYZ(61.2728, 81.9227, 81.7895)
contains.

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Color

**XYZ(61.1321, 81.6670,
81.6486)**

Conversions

Conversions Part 1

Format	Color
Hex	99FCDE
RGB	153, 252, 222
RGB Percent	60%, 99%, 87%
CMY	0.4000, 0.0117, 0.1294
CMYK	0.39, 0.00, 0.12, 0.01
HSL	162°, 94%, 79%
HSV	162°, 39%, 99%
XYZ	61.1321, 81.6670, 81.6486
YIQ	218.9790, -49.3740, -30.3180

Conversions

Conversions Part 2

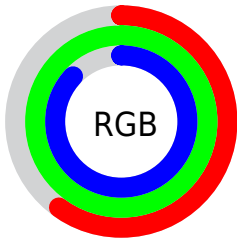
Format	Color
RYB	153, 211, 252
Decimal	10091742
CIELab	92.43, -35.76, 5.24
CIELCh	92, 36.144, 171.660
Yxy	81.6670, 0.2724, 0.3639
Android (android.graphics.Color)	4288281822 (0xFF99FCDE)
YUV	218.9790, 1.4894, -57.8636
Hunter-Lab	90.3698, -37.3980, 9.6907

Details

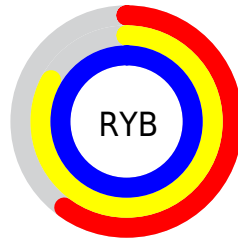
The XYZ color **61.1321, 81.6670, 81.6486** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **60.0861, 46.8990, 50.6884**, and the grayscale version is **67.3338, 70.8404, 77.1452**.

A 20% lighter version of the original color is **80.6740, 92.5889, 108.2272**, and **31.3140, 44.3070, 43.4609** is the 20% darker color. If you saturate the color by 10%, you get **55.8685, 79.0713, 76.1807**, and if you desaturate by 10%, it is **67.4510, 84.8056, 87.4115**.

Distribution



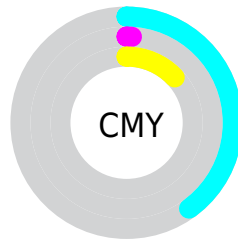
- Red (60%)
- Green (99%)
- Blue (87%)



- Red (60%)
- Yellow (83%)
- Blue (99%)



- Cyan (39%)
- Magenta (0%)
- Yellow (12%)
- Black (1%)





- Cyan (40%)
- Magenta (1%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.1321, 81.6670, 81.6486 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 61.1321, 81.6670, 81.6486 by changing the saturation by 10% instead.


 61.1321, 81.6670,
81.6486


 61.1321, 81.6670,
81.6486


418.5264,
500.5331, 520.3241

 44.5847, 61.0911,
60.5418


 105.5672,
135.7069, 137.5134

 31.3303, 44.2987,
43.4273


 134.1857,
169.9397, 173.1084

 21.0036, 30.9054,
29.8867


167.5585,
209.4936, 214.3700

 13.2391, 20.5268,
19.5013

206.0512,
254.7530, 261.7165

 7.6715, 12.7786,
11.8526

250.0289,
306.1022, 315.5667

 3.9355, 7.2762,
6.5220

299.8571,

 1.6657, 3.6355,

363.9257, 376.3390

3.0912

355.9011,
428.6079, 444.4519

■ 0.4347, 1.4718,
1.1414

■ 0.0000, 0.2688,
0.0000

■ 61.1321, 81.6670,
81.6486

■ 61.1321, 81.6670,
81.6486

■ 55.8685, 79.0713,
76.1807

■ 67.4510, 84.8056,
87.4115

■ 51.5891, 76.9754,
70.9959

■ 74.8771, 88.5075,
93.4696

■ 48.2243, 75.3459,
66.0897

■ 83.4671, 92.8039,
99.8305

■ 45.6924, 74.1407,
61.4548

■ 93.2716, 97.7209,
106.4993

■ 43.8964, 73.3097,
57.0834

■ 94.1018, 98.1036,
108.5839

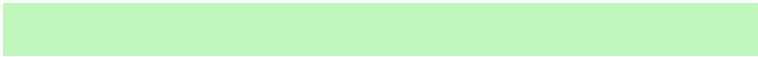
■ 42.6886, 72.7770,
52.9650

■ 42.6121, 72.7438,
52.6798

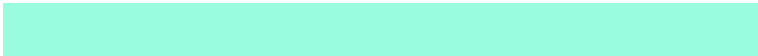
Harmonies

Analogous

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



64.3362, 81.6670, 60.6112



61.1321, 81.6670, 81.6486



62.0588, 81.6670, 109.3495

Triad

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



61.1321, 81.6670, 81.6486



84.4608, 81.6670, 145.9854



89.3379, 81.6670, 54.2921

Complementary

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



61.1321, 81.6670, 81.6486



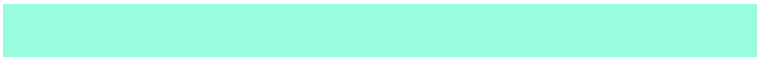
60.0861, 46.8990, 50.6884

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.



95.5913, 81.6670, 71.2106



61.1321, 81.6670, 81.6486



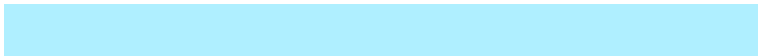
92.6215, 81.6670, 124.9061

Square

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



61.1321, 81.6670, 81.6486



75.0392, 81.6670, 150.3372



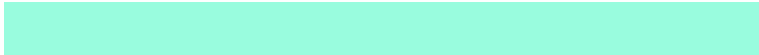
96.8389, 81.6670, 96.6139



80.2635, 81.6670, 47.0299

Rectangle

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



61.1321, 81.6670, 81.6486



64.9299, 81.6670, 127.7999



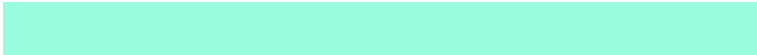
96.8389, 81.6670, 96.6139



91.8689, 81.6670, 58.8551

Sweetspot

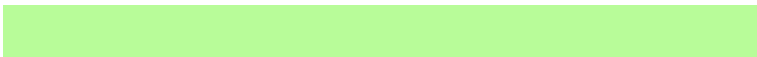
The Sweet Spot groups the original color and five complimentary colors.



61.1344, 81.6703, 81.6505



83.2172, 94.0683, 100.7399



60.4139, 82.1577, 42.8123



17.5595, 20.0082, 21.3783



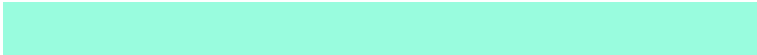
0.0000, 0.0000, 0.0000



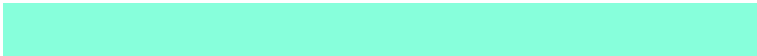
20.3446, 21.4041, 23.3091

Same Dimension

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



61.1344, 81.6703, 81.6505



58.5198, 81.7809, 79.4976



60.0902, 72.5639, 102.9383



17.5286, 19.5137, 20.9844



22.2648, 37.9189, 27.8015



2.1091, 3.5308, 2.8226

Inverse Universe

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



60.0861, 46.8990, 50.6884



57.3206, 41.5881, 43.7699



60.4885, 52.1802, 37.0221



17.4611, 17.3118, 19.0180



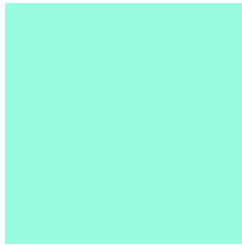
21.6551, 11.0778, 4.8921



2.0505, 1.0439, 0.6894

Previews

White Background



This preview shows how the XYZ color 61.1321, 81.6670, 81.6486 looks on a white background.

Color Contrast Check

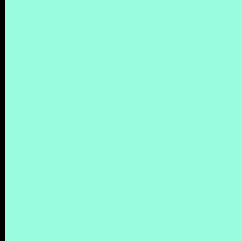
Large Text (above 18pt) WCAG AA × Fail

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 61.1321, 81.6670, 81.6486 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 61.1321, 81.6670, 81.6486

Background



This preview shows how black text looks on a background with the XYZ color 61.1321, 81.6670, 81.6486.



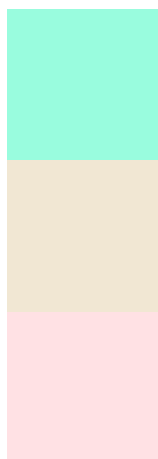
This preview shows how white text looks on a background with the XYZ color 61.1321, 81.6670,

81.6486.

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

61.1321, 81.6670, 81.6486

Protanopia

76.6094, 80.5557, 73.1391

Deuteranopia

82.1688, 80.7119, 84.6470



Tritanopia

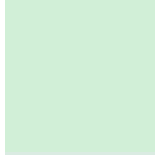
70.7405, 81.0777, 106.5289

Trichromacy



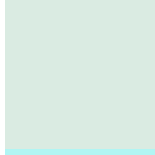
Original Color

61.1321, 81.6670, 81.6486



Protanomaly

69.4267, 80.1946, 76.1099



Deuteranomaly

72.3492, 79.8131, 83.5438



Tritanomaly

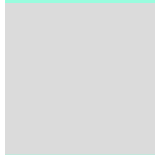
66.9615, 81.1230, 96.9231

Monochromacy



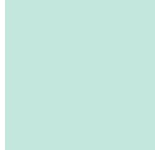
Original Color

61.1321, 81.6670, 81.6486



Achromatopsia

67.3311, 70.8376, 77.1421



Achromatomaly

63.9999, 73.9212, 78.6052

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1321, 81.6670, 81.6486 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(153, 252, 222)` looks like.

```
.text, #text, p{  
    color:rgb(153, 252, 222)  
}
```

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(153, 252, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 252, 222) }
```

Border

The CSS property to change the border of an element to XYZ 61.1321, 81.6670, 81.6486 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(153, 252, 222) }
```


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

```
.border{ border-color:rgb(153, 252, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 252, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 252, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 252, 222);  
box-shadow:4px 4px 4px 4px rgb(153, 252,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1321, 81.6670, 81.6486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 252, 222) }
```

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

```
.background{ background-color: rgb(153,  
252, 222) }
```

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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