

Converting Colors

XYZ(73.6346, 84.3372,
145.9177)

Have a look what the booklet for
XYZ(73.6346, 84.3372, 145.9177)
contains.

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Color

**XYZ(66.2111, 81.4229,
106.8342)**

Conversions

Conversions Part 1

Format	Color
Hex	A2F7FF
RGB	162, 247, 255
RGB Percent	64%, 97%, 100%
CMY	0.3647, 0.0314, 0.0000
CMYK	0.36, 0.03, 0.00, 0.00
HSL	185°, 100%, 82%
HSV	185°, 36%, 100%
XYZ	66.2111, 81.4229, 106.8342
YIQ	222.4970, -53.2280, -15.5320

Conversions

Conversions Part 2

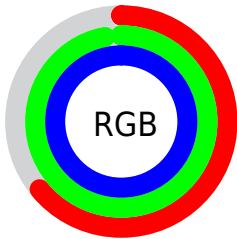
Format	Color
RYB	162, 206, 255
Decimal	10680319
CIELab	92.32, -23.66, -11.98
CIELCh	92, 26.520, 206.855
Yxy	81.4229, 0.2602, 0.3200
Android (android.graphics.Color)	4288870399 (0xFFA2F7FF)
YUV	222.4970, 16.0240, -53.0559
Hunter-Lab	90.2346, -26.9334, -7.0327

Details

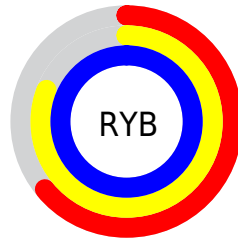
The XYZ color **66.2111, 81.4229, 106.8342** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **62.1367, 52.6183, 41.0659**, and the grayscale version is **69.7016, 73.3315, 79.8580**.

A 20% lighter version of the original color is **83.3252, 93.9556, 108.3513**, and **34.4322, 43.9074, 60.0863** is the 20% darker color. If you saturate the color by 10%, you get **60.8810, 77.6876, 106.3942**, and if you desaturate by 10%, it is **72.6037, 85.7216, 107.3270**.

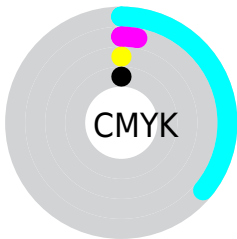
Distribution



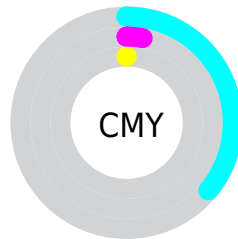
- Red (64%)
- Green (97%)
- Blue (100%)



- Red (64%)
- Yellow (81%)
- Blue (100%)



- Cyan (36%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



- Cyan (36%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.2111, 81.4229, 106.8342 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 66.2111, 81.4229, 106.8342 by changing the saturation by 10% instead.

66.2111, 81.4229,
106.8342

66.2111, 81.4229,
106.8342

436.6082,
499.7153, 603.3213

48.7121, 60.8900,
81.3716

112.8453,
135.3644, 172.6512

34.6048, 44.1364,
60.3149

142.7113,
169.5418, 213.8427

23.5237, 30.7777,
43.2456

177.4303,
209.0361, 261.1142

15.1035, 20.4297,
29.7450

217.3676,
254.2317, 314.8843

8.9788, 12.7077,
19.3947

262.8888,
305.5130, 375.5715

4.7844, 7.2276,
11.7761

314.3590,

2.1548, 3.6049,

363.2645, 443.5944

6.4708

372.1437,
427.8704, 519.3715

■ 0.7187, 1.4551,
3.0600

■ 0.0000, 0.2568,
1.1254

■ 66.2111, 81.4229,
106.8342

■ 66.2111, 81.4229,
106.8342

■ 60.8810, 77.6876,
106.3942

■ 72.6037, 85.7216,
107.3270

■ 56.5429, 74.4734,
106.0024

■ 80.1108, 90.6046,
107.8739

■ 53.1282, 71.7468,
105.6561

■ 88.7887, 96.1030,
108.4778

■ 50.5566, 69.4664,
105.3515

95.0500, 100.0000,
108.9000

■ 48.7340, 67.5838,
105.0842

■ 47.5427, 66.0380,
104.8486

■ 47.2102, 65.5404,
104.7701

Harmonies

Analogous

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



64.9553, 81.4229, 86.5997



66.2111, 81.4229, 106.8342



70.4014, 81.4229, 124.1865

Triad

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



66.2111, 81.4229, 106.8342



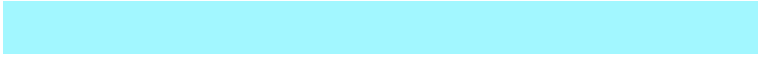
88.9650, 81.4229, 110.9501



78.1158, 81.4229, 56.0394

Complementary

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



66.2111, 81.4229, 106.8342



62.1367, 52.6183, 41.0659

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.



84.8265, 81.4229, 60.6443



66.2111, 81.4229, 106.8342



91.3183, 81.4229, 90.7440

Square

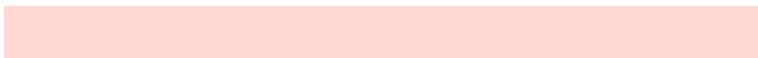
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.2111, 81.4229, 106.8342



83.5013, 81.4229, 126.7987



89.7613, 81.4229, 72.6659



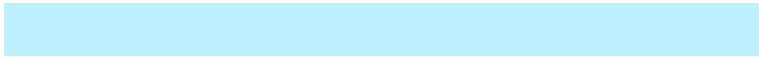
71.5845, 81.4229, 59.0498

Rectangle

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



66.2111, 81.4229, 106.8342



74.4296, 81.4229, 130.7534



89.7613, 81.4229, 72.6659



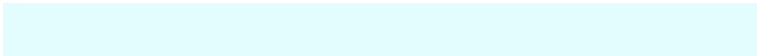
80.4279, 81.4229, 56.7292

Sweetspot

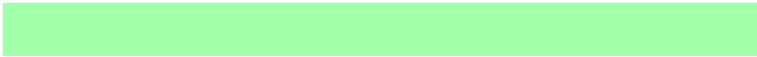
The Sweet Spot groups the original color and five complimentary colors.



66.2133, 81.4260, 106.8347



84.7082, 93.5336, 108.1969



57.8936, 82.0948, 50.7029



17.8800, 19.8609, 23.1411



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.



66.2133, 81.4260, 106.8347



62.1024, 78.5605, 106.4983



53.7802, 56.5599, 102.6904



18.4134, 20.1985, 23.1782



24.7238, 34.3573, 54.7631



2.4450, 3.4206, 5.3447

Inverse Universe

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



70.9503, 53.8179, 94.6476



67.5679, 47.4591, 92.2684



72.3824, 73.1097, 44.4811



18.7213, 18.2718, 22.4156



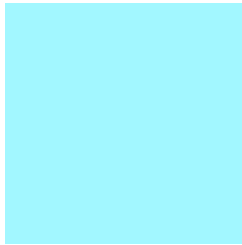
29.2676, 14.1964, 41.6554



2.8687, 1.3899, 4.1560

Previews

White Background



This preview shows how the XYZ color 66.2111, 81.4229, 106.8342 looks on a white background.

Color Contrast Check

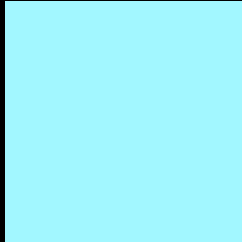
Large Text (above 18pt) WCAG AA × Fail

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 66.2111, 81.4229, 106.8342 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 66.2111, 81.4229, 106.8342

Background



This preview shows how black text looks on a background with the XYZ color 66.2111, 81.4229, 106.8342.

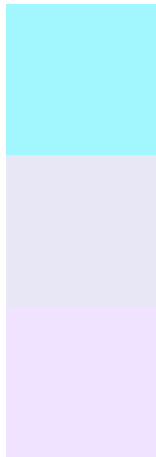


This preview shows how white text looks on a background with the XYZ color 66.2111, 81.4229,

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

66.2111, 81.4229, 106.8342

Protanopia

78.3361, 80.9002, 97.8727

Deuteranopia

81.4543, 80.6834, 105.8881



Tritanopia

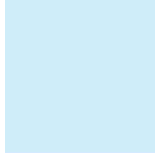
70.7405, 81.0777, 106.5289

Trichromacy



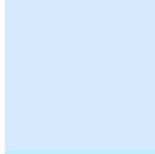
Original Color

66.2111, 81.4229, 106.8342



Protanomaly

73.1152, 80.6733, 101.3405



Deuteranomaly

74.6242, 80.0627, 106.1283



Tritanomaly

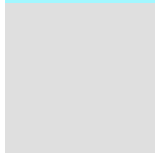
68.9230, 81.0245, 106.6144

Monochromacy



Original Color

66.2111, 81.4229, 106.8342



Achromatopsia

70.1384, 73.7910, 80.3584



Achromatomaly

67.9394, 76.1289, 89.7108

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.2111, 81.4229, 106.8342 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(162, 247, 255)` looks like.

```
.text, #text, p{  
    color:rgb(162, 247, 255)  
}
```

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(162, 247, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 247, 255) }
```

Border

The CSS property to change the border of an element to XYZ 66.2111, 81.4229, 106.8342 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(162, 247, 255) }
```


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

```
.border{ border-color:rgb(162, 247, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 247, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 247, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 247, 255);  
box-shadow:4px 4px 4px 4px rgb(162, 247,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 66.2111, 81.4229, 106.8342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 247, 255) }
```

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

```
.background{ background-color: rgb(162,  
247, 255) }
```

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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