

Converting Colors

XYZ(61.4950, 79.2411,
106.6617)

Have a look what the booklet for
XYZ(61.4950, 79.2411, 106.6617)
contains.

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Color

**XYZ(61.6091, 79.5057,
106.7067)**

Conversions

Conversions Part 1

Format	Color
Hex	87F8FF
RGB	135, 248, 255
RGB Percent	53%, 97%, 100%
CMY	0.4706, 0.0274, 0.0000
CMYK	0.47, 0.03, 0.00, 0.00
HSL	183°, 100%, 76%
HSV	183°, 47%, 100%
XYZ	61.6091, 79.5057, 106.7067
YIQ	215.0110, -69.5950, -21.7790

Conversions

Conversions Part 2

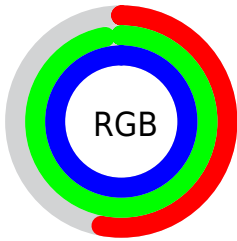
Format	Color
RYB	135, 193, 255
Decimal	8911103
CIELab	91.46, -30.48, -13.38
CIElCh	91, 33.289, 203.696
Yxy	79.5057, 0.2486, 0.3208
Android (android.graphics.Color)	4287101183 (0xFF87F8FF)
YUV	215.0110, 19.7146, -70.1696
Hunter-Lab	89.1660, -32.7061, -8.5374

Details

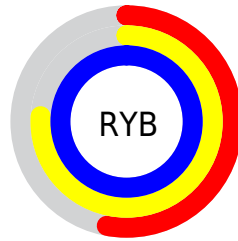
The XYZ color **61.6091, 79.5057, 106.7067** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **55.2868, 42.3559, 28.1853**, and the grayscale version is **64.5053, 67.8646, 73.9046**.

A 20% lighter version of the original color is **76.3157, 90.3421, 108.0232**, and **31.5715, 42.7553, 60.0147** is the 20% darker color. If you saturate the color by 10%, you get **57.5324, 76.7301, 106.3859**, and if you desaturate by 10%, it is **66.6761, 82.8010, 107.0757**.

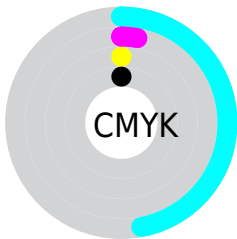
Distribution



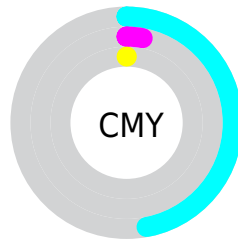
- Red (53%)
- Green (97%)
- Blue (100%)



- Red (53%)
- Yellow (76%)
- Blue (100%)



- Cyan (47%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)





- Cyan (47%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.6091, 79.5057, 106.7067 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 61.6091, 79.5057, 106.7067 by changing the saturation by 10% instead.


 61.6091, 79.5057,
106.7067


 61.6091, 79.5057,
106.7067


420.2441,
493.2654, 602.9169

 44.9713, 59.3117,
81.2653


 106.2535,
132.6705, 172.4756

 31.6360, 42.8641,
60.2278


 134.9908,
166.4102, 213.6401

 21.2378, 29.7785,
43.1758

168.4921,
205.4338, 260.8828

 13.4114, 19.6705,
29.6907

207.1225,
250.1258, 314.6221

 7.7914, 12.1558,
19.3538

251.2476,
300.8705, 375.2767

 4.0124, 6.8499,
11.7468

301.2327,

 1.7092, 3.3684,

358.0525, 443.2650

6.4511

357.4431,
422.0560, 519.0055

0.4620, 1.3269,
3.0481

0.0000, 0.1619,
1.1192

61.6091, 79.5057,
106.7067

61.6091, 79.5057,
106.7067

57.5324, 76.7301,
106.3859

66.6761, 82.8010,
107.0757

54.3683, 74.4284,
106.1084

72.7912, 86.6401,
107.4944

52.0381, 72.5620,
105.8709

80.0154, 91.0564,
107.9661

50.4465, 71.0818,
105.6691

88.4032, 96.0780,
108.4933

■ 49.4723, 69.9251, 95.0500, 100.0000,
105.4972 108.9000

■ 49.2492, 69.6185,
105.4497

Harmonies

Analogous

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



60.5030, 79.5057, 81.5449



61.6091, 79.5057, 106.7067



66.3261, 79.5057, 129.8786

Triad

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



61.6091, 79.5057, 106.7067



89.4728, 79.5057, 117.2376



77.3710, 79.5057, 47.9791

Complementary

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



61.6091, 79.5057, 106.7067



55.2868, 42.3559, 28.1853

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.



85.6304, 79.5057, 54.1470



61.6091, 79.5057, 106.7067



92.9461, 79.5057, 91.7936

Square

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



61.6091, 79.5057, 106.7067



82.3063, 79.5057, 136.7098



91.4900, 79.5057, 69.1376



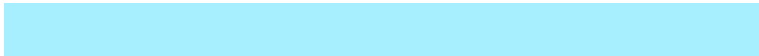
69.2074, 79.5057, 50.4854

Rectangle

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



61.6091, 79.5057, 106.7067



71.0855, 79.5057, 139.5188



91.4900, 79.5057, 69.1376



80.2346, 79.5057, 49.0629

Sweetspot

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



61.6112, 79.5087, 106.7072



82.4534, 92.5258, 108.1213



50.5607, 78.5946, 37.7069



17.2776, 19.5811, 23.1188



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.



61.6112, 79.5087, 106.7072



57.9189, 77.0005, 106.4177



46.2409, 48.7679, 101.5837



18.4588, 20.2892, 23.1933



25.7729, 36.4554, 55.1128



2.5359, 3.6025, 5.3750

Inverse Universe

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



66.8487, 45.3671, 94.0437



63.7946, 39.5878, 92.0114



66.5008, 64.7839, 31.9233



18.7442, 18.2810, 22.5363



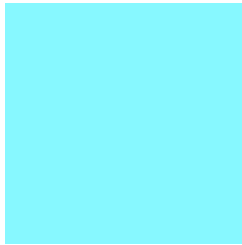
29.7972, 14.4082, 44.4438



2.9146, 1.4082, 4.3978

Previews

White Background



This preview shows how the XYZ color 61.6091, 79.5057, 106.7067 looks on a white background.

Color Contrast Check

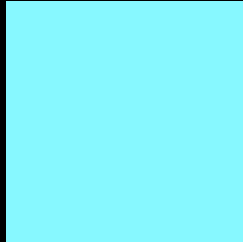
Large Text (above 18pt) WCAG AA × Fail

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 61.6091, 79.5057, 106.7067 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 61.6091, 79.5057, 106.7067

Background



This preview shows how black text looks on a background with the XYZ color 61.6091, 79.5057, 106.7067.

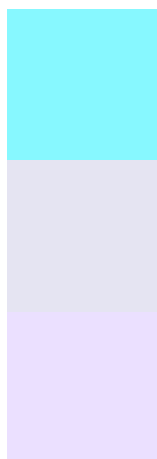


This preview shows how white text looks on a background with the XYZ color 61.6091, 79.5057,

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

61.6091, 79.5057, 106.7067

Protanopia

76.0835, 78.5556, 95.1571

Deuteranopia

78.9666, 78.1935, 105.5386



Tritanopia

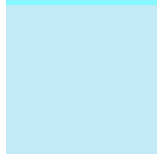
66.9609, 79.1293, 106.3520

Trichromacy



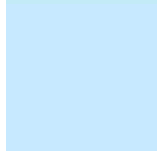
Original Color

61.6091, 79.5057, 106.7067



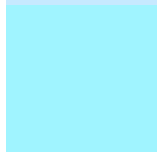
Protanomaly

69.0025, 77.7342, 99.3631



Deuteranomaly

70.7421, 77.6399, 105.8652



Tritanomaly

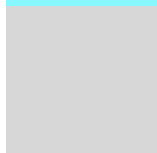
64.8979, 79.3950, 106.5120

Monochromacy



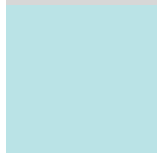
Original Color

61.6091, 79.5057, 106.7067



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

62.0017, 71.0904, 85.3169

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6091, 79.5057, 106.7067 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(135, 248, 255)` looks like.

```
.text, #text, p{  
    color:rgb(135, 248, 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(135, 248, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 248, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.6091, 79.5057, 106.7067 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(135, 248, 255) }
```


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

```
.border{ border-color:rgb(135, 248, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 248, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 248, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 248, 255);  
box-shadow:4px 4px 4px 4px rgb(135, 248,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6091, 79.5057, 106.7067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 248, 255) }
```

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

```
.background{ background-color: rgb(135,  
248, 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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