

Converting Colors

XYZ(60.5706, 76.0561,
106.0956)

Have a look what the booklet for
XYZ(60.5706, 76.0561, 106.0956)
contains.

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Color

**XYZ(60.7866, 76.3870,
106.1481)**

Conversions

Conversions Part 1

Format	Color
Hex	8DF2FF
RGB	141, 242, 255
RGB Percent	55%, 95%, 100%
CMY	0.4470, 0.0510, 0.0000
CMYK	0.45, 0.05, 0.00, 0.00
HSL	187°, 100%, 78%
HSV	187°, 45%, 100%
XYZ	60.7866, 76.3870, 106.1481
YIQ	213.2830, -64.3690, -17.3690

Conversions

Conversions Part 2

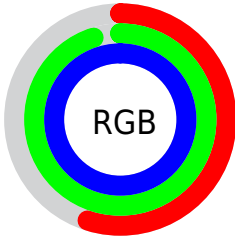
Format	Color
R_{YB}	141, 195, 255
Decimal	9302783
CIE _{Lab}	90.04, -26.28, -15.49
CIE _{LCh}	90, 30.503, 210.510
Yxy	76.3870, 0.2498, 0.3139
Android (android.graphics.Color)	4287492863 (0xFF8DF2FF)
YUV	213.2830, 20.5665, -63.3922
Hunter-Lab	87.3997, -28.8024, -10.8288

Details

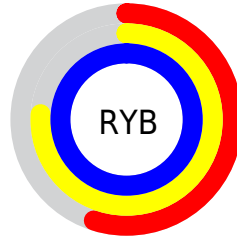
The XYZ color **60.7866, 76.3870, 106.1481** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **57.6038, 46.2946, 31.1009**, and the grayscale version is **63.3346, 66.6329, 72.5633**.

A 20% lighter version of the original color is **77.6294, 91.0194, 108.0847**, and **31.1453, 40.9444, 59.6876** is the 20% darker color. If you saturate the color by 10%, you get **56.0817, 72.6890, 105.6823**, and if you desaturate by 10%, it is **66.5075, 80.6328, 106.6661**.

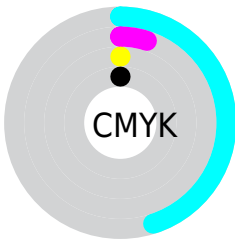
Distribution



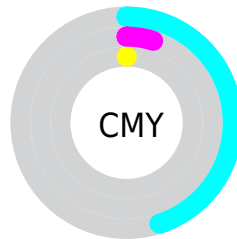
- Red (55%)
- Green (95%)
- Blue (100%)



- Red (55%)
- Yellow (76%)
- Blue (100%)



- Cyan (45%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (45%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.7866, 76.3870, 106.1481 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 60.7866, 76.3870, 106.1481 by changing the saturation by 10% instead.

60.7866, 76.3870,
106.1481

60.7866, 76.3870,
106.1481

417.2795,
482.6714, 601.1435

44.3049, 56.7499,
80.7995

105.0698,
128.2738, 171.7060

31.1092, 40.8045,
59.8465

133.6019,
161.2923, 212.7525

20.8342, 28.1663,
42.8704

166.8815,
199.5401, 259.8686

13.1147, 18.4511,
29.4528

205.2740,
243.4015, 313.4729

7.5851, 11.2743,
19.1751

249.1447,
293.2609, 373.9841

3.8802, 6.2517,
11.6188

298.8589,

1.6346, 2.9987,

349.5028, 441.8205

6.3653

354.7821,
412.5115, 517.4008

■ 0.4148, 1.1311,
2.9961

■ 0.0000, 0.0043,
1.0926

■ 60.7866, 76.3870,
106.1481

■ 60.7866, 76.3870,
106.1481

■ 56.0817, 72.6890,
105.6823

■ 66.5075, 80.6328,
106.6661

■ 52.3171, 69.4942,
105.2641

■ 73.3010, 85.4502,
107.2379

■ 49.4164, 66.7651,
104.8902

■ 81.2270, 90.8721,
107.8667

■ 47.2884, 64.4544,
104.5563

■ 90.3391, 96.9261,
108.5550

■ 45.8210, 62.5043, 95.0500, 100.0000,
104.2573 108.9000

■ 45.2271, 61.5741,
104.1090

Harmonies

Analogous

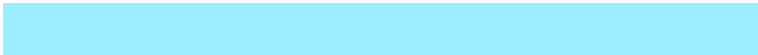
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



59.0167, 76.3870, 83.5436



60.7866, 76.3870, 106.1481



65.6805, 76.3870, 124.9257

Triad

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



60.7866, 76.3870, 106.1481



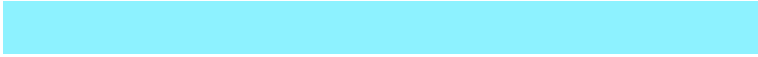
86.0054, 76.3870, 105.3946



72.4742, 76.3870, 48.1033

Complementary

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



60.7866, 76.3870, 106.1481



57.6038, 46.2946, 31.1009

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.



79.9967, 76.3870, 51.9440



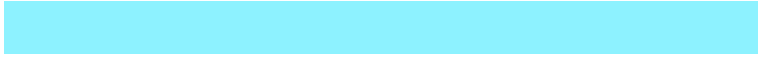
60.7866, 76.3870, 106.1481



88.1304, 76.3870, 82.8024

Square

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



60.7866, 76.3870, 106.1481



80.2361, 76.3870, 124.4402



85.8606, 76.3870, 63.7772



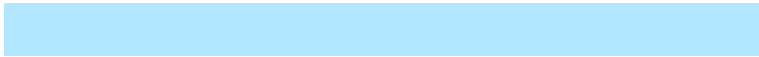
65.4711, 76.3870, 52.2153

Rectangle

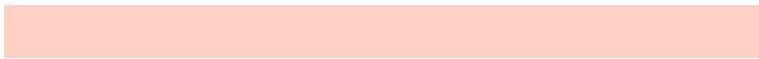
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60.7866, 76.3870, 106.1481



70.2333, 76.3870, 131.3595



85.8606, 76.3870, 63.7772



75.0266, 76.3870, 48.4987

Sweetspot

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



60.7887, 76.3899, 106.1486



82.6945, 91.8583, 107.9797



52.4460, 79.4634, 42.4534



17.2946, 19.3888, 23.0808



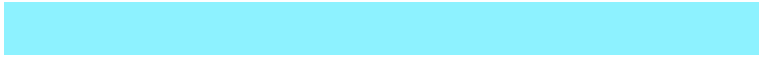
0.0000, 0.0000, 0.0000



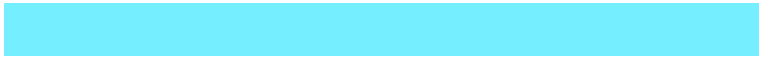
20.3446, 21.4041, 23.3091

Same Dimension

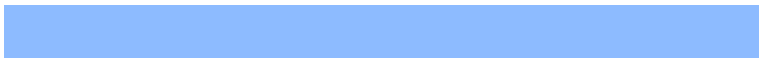
The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.7887, 76.3899, 106.1486



56.3814, 72.9325, 105.7135



46.7215, 48.2555, 101.4595



18.3676, 20.1069, 23.1629



23.7027, 32.3151, 54.4228



2.3560, 3.2426, 5.3150

Inverse Universe

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



66.7932, 46.7222, 89.5055



63.2609, 40.3024, 86.3402



68.9473, 68.9816, 34.8820



18.6982, 18.2626, 22.2939



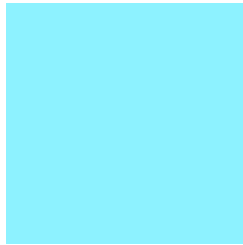
28.7523, 13.9902, 38.9414



2.8238, 1.3719, 3.9195

Previews

White Background



This preview shows how the XYZ color 60.7866, 76.3870, 106.1481 looks on a white background.

Color Contrast Check

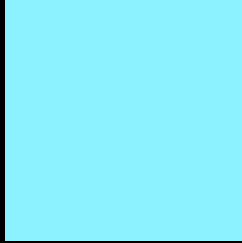
Large Text (above 18pt) WCAG AA × Fail

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 60.7866, 76.3870, 106.1481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

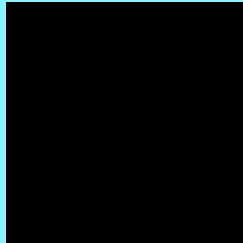
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.7866, 76.3870, 106.1481

Background



This preview shows how black text looks on a background with the XYZ color 60.7866, 76.3870, 106.1481.

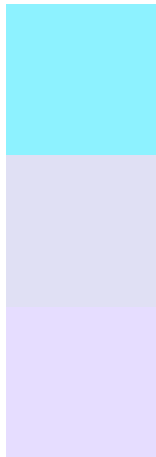


This preview shows how white text looks on a background with the XYZ color 60.7866, 76.3870,

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

60.7866, 76.3870, 106.1481

Protanopia

73.7253, 75.6903, 96.3119

Deuteranopia

76.5396, 75.7559, 105.1960



Tritanopia

63.4137, 76.4266, 106.0173

Trichromacy



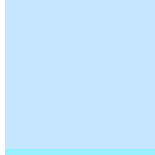
Original Color

60.7866, 76.3870, 106.1481



Protanomaly

67.7673, 75.3985, 99.7886



Deuteranomaly

69.3580, 75.2644, 105.4797



Tritanomaly

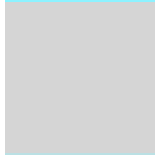
62.3470, 76.3125, 106.0515

Monochromacy



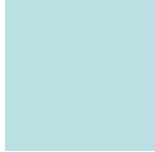
Original Color

60.7866, 76.3870, 106.1481



Achromatopsia

63.2451, 66.5387, 72.4607



Achromatomaly

61.1528, 69.4775, 83.5862

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7866, 76.3870, 106.1481 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(141, 242, 255)` looks like.

```
.text, #text, p{  
    color:rgb(141, 242, 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(141, 242, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 242, 255) }
```

Border

The CSS property to change the border of an element to XYZ 60.7866, 76.3870, 106.1481 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(141, 242, 255) }
```


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

```
.border{ border-color:rgb(141, 242, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 242, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 242, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 242, 255);  
box-shadow:4px 4px 4px 4px rgb(141, 242,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7866, 76.3870, 106.1481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 242, 255) }
```

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

```
.background{ background-color: rgb(141,  
242, 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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