

Converting Colors

XYZ(60.9098, 70.5102,
105.0073)

Have a look what the booklet for
XYZ(60.9098, 70.5102, 105.0073)
contains.

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Color

**XYZ(60.8977, 70.4933,
105.0047)**

Conversions

Conversions Part 1

Format	Color
Hex	A3E4FF
RGB	163, 228, 255
RGB Percent	64%, 89%, 100%
CMY	0.3608, 0.1059, 0.0000
CMYK	0.36, 0.11, 0.00, 0.00
HSL	198°, 100%, 82%
HSV	198°, 36%, 100%
XYZ	60.8977, 70.4933, 105.0047
YIQ	211.6430, -47.4070, -5.3830

Conversions

Conversions Part 2

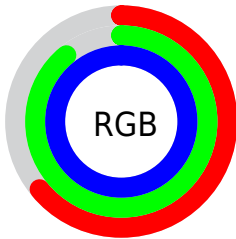
Format	Color
RYB	163, 201, 255
Decimal	10740991
CIELab	87.24, -13.95, -19.60
CIELCh	87, 24.055, 234.567
Yxy	70.4933, 0.2576, 0.2982
Android (android.graphics.Color)	4288931071 (0xFFA3E4FF)
YUV	211.6430, 21.3750, -42.6599
Hunter-Lab	83.9603, -17.4617, -15.3787

Details

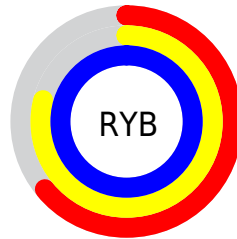
The XYZ color **60.8977, 70.4933, 105.0047** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **66.2648, 60.7316, 42.8822**, and the grayscale version is **62.2293, 65.4701, 71.2970**.

A 20% lighter version of the original color is **83.3252, 93.9556, 108.3513**, and **31.2000, 37.0902, 58.9408** is the 20% darker color. If you saturate the color by 10%, you get **54.1796, 64.0414, 104.1134**, and if you desaturate by 10%, it is **68.7615, 77.6714, 105.9757**.

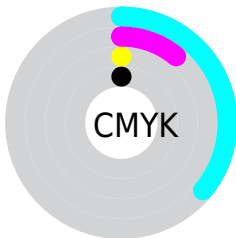
Distribution



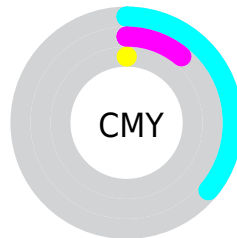
- Red (64%)
- Green (89%)
- Blue (100%)



- Red (64%)
- Yellow (79%)
- Blue (100%)



- Cyan (36%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (36%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.8977, 70.4933, 105.0047 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 60.8977, 70.4933, 105.0047 by changing the saturation by 10% instead.

60.8977, 70.4933,
105.0047

60.8977, 70.4933,
105.0047

417.6807,
462.2802, 597.5050

44.3948, 51.9288,
79.8466

105.2298,
119.9120, 170.1296

31.1803, 36.9483,
59.0667

133.7897,
151.5349, 210.9335

20.8887, 25.1675,
42.2465

167.0993,
188.2795, 257.7897

13.1546, 16.2019,
28.9673

205.5240,
230.5300, 311.1168

7.6129, 9.6671,
18.8107

249.4291,
278.6710, 371.3334

3.8979, 5.1788,
11.3582

299.1801,

1.6446, 2.3526,

333.0867, 438.8579

6.1911

355.1421,
394.1617, 514.1089

■ 0.4212, 0.8013,
2.8910

■ 0.0000, 0.0000,
1.0392

■ 60.8977, 70.4933,
105.0047

■ 60.8977, 70.4933,
105.0047

■ 54.1796, 64.0414,
104.1134

■ 68.7615, 77.6714,
105.9757

■ 48.5365, 58.2727,
103.2973

■ 77.8244, 85.5999,
107.0284

■ 43.8987, 53.1511,
102.5532

■ 88.1436, 94.3116,
108.1660

■ 40.1853, 48.6334,
101.8769

95.0500, 100.0000,
108.9000

■ 37.3017, 44.6688,
101.2637

■ 35.1306, 41.1953,
100.7077

■ 34.4057, 39.9313,
100.5019

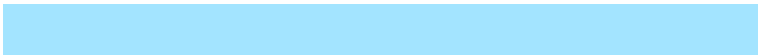
Harmonies

Analogous

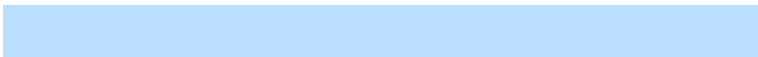
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



57.5975, 70.4933, 90.4334



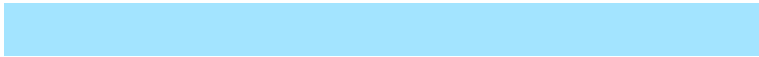
60.8977, 70.4933, 105.0047



65.9782, 70.4933, 112.0885

Triad

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



60.8977, 70.4933, 105.0047



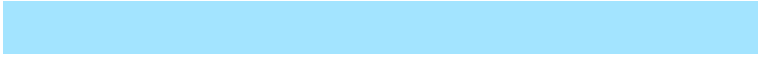
78.4112, 70.4933, 79.7396



62.5851, 70.4933, 51.7896

Complementary

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



60.8977, 70.4933, 105.0047



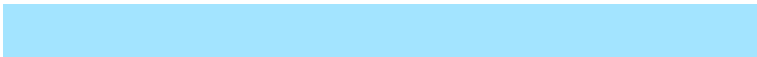
66.2648, 60.7316, 42.8822

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.



68.0359, 70.4933, 49.7573



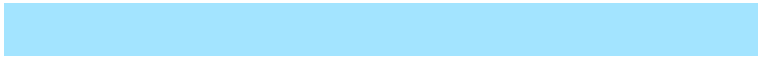
60.8977, 70.4933, 105.0047



77.3777, 70.4933, 64.5309

Square

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



60.8977, 70.4933, 105.0047



76.2507, 70.4933, 96.2467



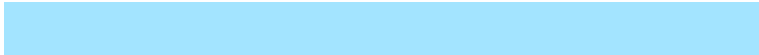
73.5007, 70.4933, 54.0896



58.5327, 70.4933, 60.0907

Rectangle

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



60.8977, 70.4933, 105.0047



69.7719, 70.4933, 110.9846



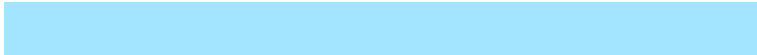
73.5007, 70.4933, 54.0896



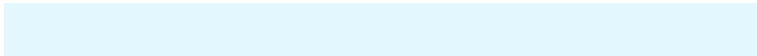
64.3059, 70.4933, 50.4046

Sweetspot

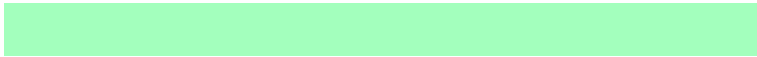
The Sweet Spot groups the original color and five complimentary colors.



60.8996, 70.4960, 105.0051



82.9029, 89.9229, 107.5952



60.0580, 82.9842, 61.0360



17.4474, 18.9958, 22.9969



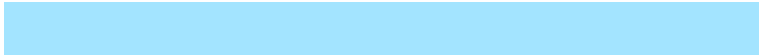
0.0000, 0.0000, 0.0000



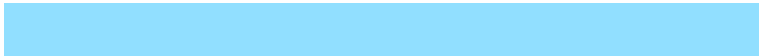
20.3446, 21.4041, 23.3091

Same Dimension

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



60.8996, 70.4960, 105.0051



56.1293, 65.9525, 104.3795



50.0756, 48.8479, 101.3971



18.0783, 19.5281, 23.0664



18.1133, 21.1362, 52.5596



1.8583, 2.2473, 5.1491

Inverse Universe

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



68.3421, 53.0576, 80.0408



64.7144, 46.9361, 75.3359



77.5789, 83.3599, 46.6536



18.5522, 18.2042, 21.5248



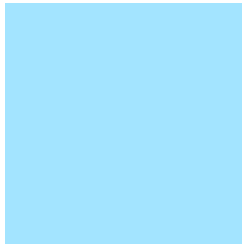
25.9310, 12.8617, 24.0847



2.5726, 1.2714, 2.5967

Previews

White Background



This preview shows how the XYZ color 60.8977, 70.4933, 105.0047 looks on a white background.

Color Contrast Check

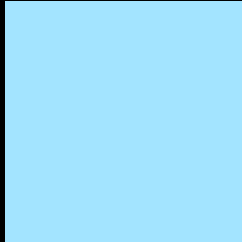
Large Text (above 18pt) WCAG AA × Fail

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 60.8977, 70.4933, 105.0047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

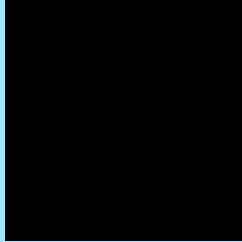
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.8977, 70.4933, 105.0047

Background



This preview shows how black text looks on a background with the XYZ color 60.8977, 70.4933, 105.0047.

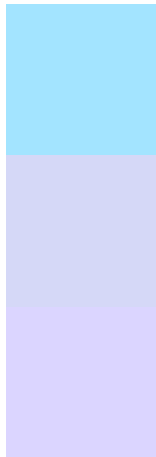


This preview shows how white text looks on a background with the XYZ color 60.8977, 70.4933,

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

60.8977, 70.4933, 105.0047

Protanopia

68.7849, 69.9733, 97.8765

Deuteranopia

71.0577, 69.8686, 104.3486



Tritanopia

59.6605, 70.3930, 99.2497

Trichromacy



Original Color

60.8977, 70.4933, 105.0047

Protanomaly

65.3542, 69.6906, 100.4496

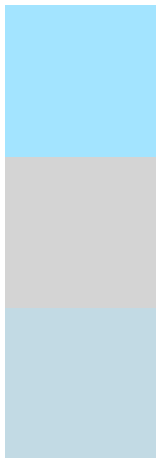
Deuteranomaly

66.6746, 69.5049, 104.5094

Tritanomaly

60.3322, 70.6850, 101.7305

Monochromacy



Original Color

60.8977, 70.4933, 105.0047

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.3231, 67.2136, 83.1402

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8977, 70.4933, 105.0047 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(163, 228, 255)` looks like.

```
.text, #text, p{  
    color:rgb(163, 228, 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(163, 228, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 228, 255) }
```

Border

The CSS property to change the border of an element to XYZ 60.8977, 70.4933, 105.0047 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(163, 228, 255) }
```


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

```
.border{ border-color:rgb(163, 228, 255) }
```

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

Here you see how a box with a 4 pixel rgb(163, 228, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 228, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 228, 255);  
box-shadow:4px 4px 4px 4px rgb(163, 228,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8977, 70.4933, 105.0047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 228, 255) }
```

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

```
.background{ background-color: rgb(163,  
228, 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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