

Converting Colors

XYZ(84.8352, 80.5072,
231.0830)

Have a look what the booklet for
XYZ(84.8352, 80.5072, 231.0830)
contains.

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Color

**XYZ(60.9696, 70.9400,
105.0871)**

Conversions

Conversions Part 1

Format	Color
Hex	A2E5FF
RGB	162, 229, 255
RGB Percent	64%, 90%, 100%
CMY	0.3647, 0.1019, 0.0000
CMYK	0.36, 0.10, 0.00, 0.00
HSL	197°, 100%, 82%
HSV	197°, 36%, 100%
XYZ	60.9696, 70.9400, 105.0871
YIQ	211.9310, -48.2780, -6.1180

Conversions

Conversions Part 2

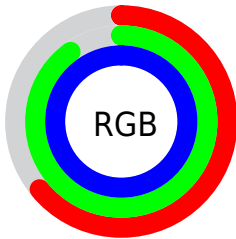
Format	Color
RYB	162, 201, 255
Decimal	10675711
CIELab	87.46, -14.71, -19.28
CIElCh	87, 24.250, 232.644
Yxy	70.9400, 0.2573, 0.2993
Android (android.graphics.Color)	4288865791 (0xFFA2E5FF)
YUV	211.9310, 21.2330, -43.7895
Hunter-Lab	84.2259, -18.1824, -15.0169

Details

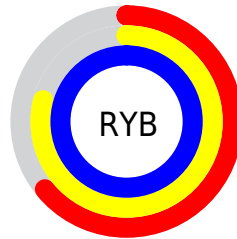
The XYZ color **60.9696, 70.9400, 105.0871** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **65.7452, 59.8352, 42.2685**, and the grayscale version is **62.4216, 65.6724, 71.5172**.

A 20% lighter version of the original color is **83.0234, 93.8001, 108.3372**, and **31.0805, 37.0285, 58.9352** is the 20% darker color. If you saturate the color by 10%, you get **54.3737, 64.6732, 104.2251**, and if you desaturate by 10%, it is **68.7006, 77.9156, 106.0260**.

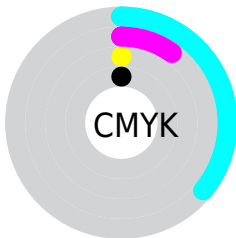
Distribution



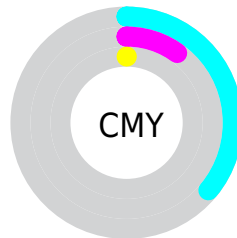
- Red (64%)
- Green (90%)
- Blue (100%)



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



- Cyan (36%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (36%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.9696, 70.9400, 105.0871 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 60.9696, 70.9400, 105.0871 by changing the saturation by 10% instead.

60.9696, 70.9400,
105.0871

60.9696, 70.9400,
105.0871

417.9402,
463.8437, 597.7676

44.4531, 52.2932,
79.9153

105.3333,
120.5483, 170.2433

31.2263, 37.2389,
59.1229

133.9112,
152.2786, 211.0646

20.9239, 25.3925,
42.2914

167.2402,
189.1389, 257.9396

13.1805, 16.3697,
29.0022

205.6857,
231.5135, 311.2868

7.6308, 9.7861,
18.8369

249.6132,
279.7869, 371.5246

3.9095, 5.2574,
11.3769

299.3878,

1.6510, 2.3991,

334.3435, 439.0717

6.2036

355.3751,
395.5676, 514.3465

■ 0.4253, 0.8254,
2.8985

■ 0.0000, 0.0000,
1.0430

■ 60.9696, 70.9400,
105.0871

■ 60.9696, 70.9400,
105.0871

■ 54.3737, 64.6732,
104.2251

■ 68.7006, 77.9156,
106.0260

■ 48.8423, 59.0722,
103.4356

■ 77.6204, 85.6240,
107.0438

■ 44.3054, 54.1013,
102.7152

■ 87.7859, 94.0976,
108.1436

■ 40.6819, 49.7172,
102.0600

95.0500, 100.0000,
108.9000

■ 37.8767, 45.8693,
101.4651

■ 35.7711, 42.4949,
100.9247

■ 35.1319, 41.3838,
100.7440

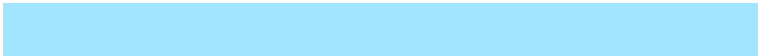
Harmonies

Analogous

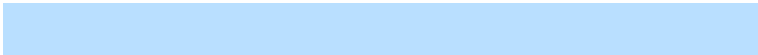
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



57.7751, 70.9400, 90.0167



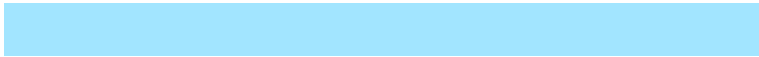
60.9696, 70.9400, 105.0871



66.0277, 70.9400, 112.8884

Triad

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



60.9696, 70.9400, 105.0871



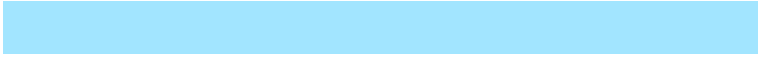
78.9350, 70.9400, 81.3458



63.2793, 70.9400, 51.6618

Complementary

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



60.9696, 70.9400, 105.0871



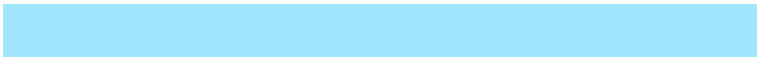
65.7452, 59.8352, 42.2685

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.



68.8446, 70.9400, 50.0205



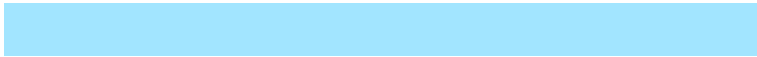
60.9696, 70.9400, 105.0871



78.0967, 70.9400, 65.7363

Square

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



60.9696, 70.9400, 105.0871



76.5536, 70.9400, 97.9773



74.3236, 70.9400, 54.8085



59.0550, 70.9400, 59.6597

Rectangle

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



60.9696, 70.9400, 105.0871



69.8630, 70.9400, 112.2396



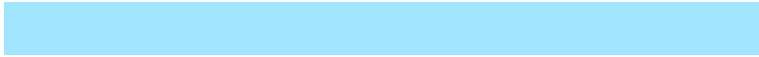
74.3236, 70.9400, 54.8085



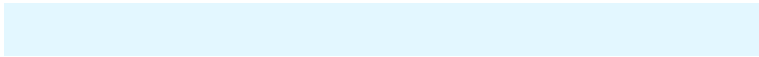
65.0470, 70.9400, 50.3993

Sweetspot

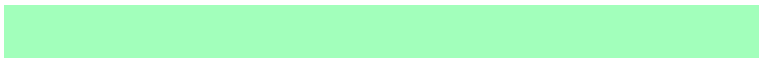
The Sweet Spot groups the original color and five complimentary colors.



60.9716, 70.9427, 105.0875



83.0222, 90.1615, 107.6349



59.6097, 82.7812, 59.7398



17.4760, 19.0529, 23.0064



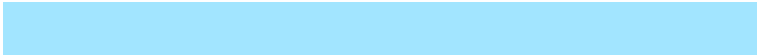
0.0000, 0.0000, 0.0000



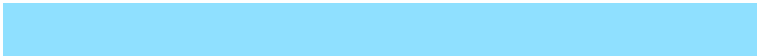
20.3446, 21.4041, 23.3091

Same Dimension

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



60.9716, 70.9427, 105.0875



55.9010, 66.1575, 104.4311



50.0300, 49.0596, 101.4403



18.1005, 19.5725, 23.0738



18.4896, 21.8889, 52.6850



1.8926, 2.3158, 5.1605

Inverse Universe

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



68.3045, 52.7595, 80.7153



64.4376, 46.2070, 75.7849



76.9861, 82.3172, 46.0155



18.5634, 18.2087, 21.5838



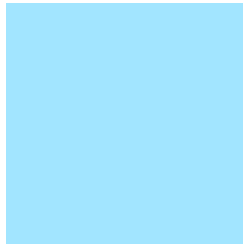
26.1209, 12.9377, 25.0850



2.5899, 1.2783, 2.6877

Previews

White Background



This preview shows how the XYZ color 60.9696, 70.9400, 105.0871 looks on a white background.

Color Contrast Check

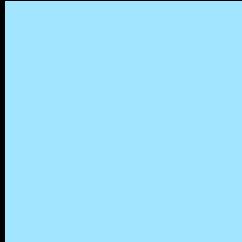
Large Text (above 18pt) WCAG AA × Fail

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 60.9696, 70.9400, 105.0871 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 60.9696, 70.9400, 105.0871

Background



This preview shows how black text looks on a background with the XYZ color 60.9696, 70.9400, 105.0871.

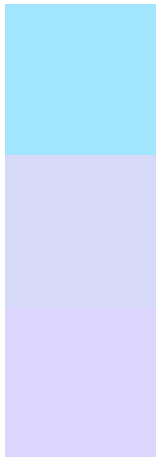


This preview shows how white text looks on a background with the XYZ color 60.9696, 70.9400,

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

60.9696, 70.9400, 105.0871

Protanopia

69.3329, 70.6373, 97.9758

Deuteranopia

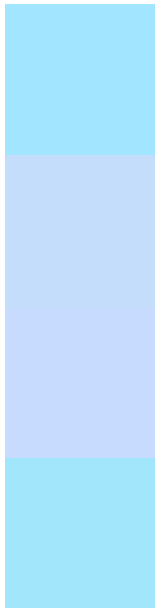
71.6118, 70.5288, 104.4468



Tritanopia

59.8929, 70.9068, 100.1522

Trichromacy



Original Color

60.9696, 70.9400, 105.0871

Protanomaly

65.6174, 70.2171, 100.5373

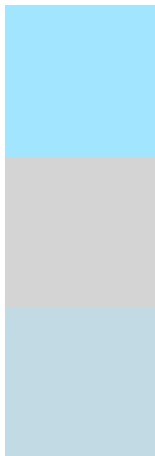
Deuteranomaly

66.9347, 70.0251, 104.5961

Tritanomaly

60.4073, 71.1357, 101.8136

Monochromacy



Original Color

60.9696, 70.9400, 105.0871

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 60.9696, 70.9400, 105.0871 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, 229, 255)` looks like.

```
.text, #text, p{  
    color:rgb(162, 229, 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, 229, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 229, 255) }
```

Border

The CSS property to change the border of an element to XYZ 60.9696, 70.9400, 105.0871 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, 229, 255) }
```


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

```
.border{ border-color:rgb(162, 229, 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, 229, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 229, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 229, 255);  
box-shadow:4px 4px 4px 4px rgb(162, 229,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 60.9696, 70.9400, 105.0871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 229, 255) }
```

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

```
.background{ background-color: rgb(162,  
229, 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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