

Converting Colors

XYZ(62.1557, 71.2771,
113.3995)

Have a look what the booklet for
XYZ(62.1557, 71.2771, 113.3995)
contains.

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Color

**XYZ(60.5665, 70.7322,
105.0682)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | A0E5FF |
| RGB | 160, 229, 255 |
| RGB Percent | 63%, 90%, 100% |
| CMY | 0.3725, 0.1019, 0.0000 |
| CMYK | 0.37, 0.10, 0.00, 0.00 |
| HSL | 196°, 100%, 81% |
| HSV | 196°, 37%, 100% |
| XYZ | 60.5665, 70.7322, 105.0682 |
| YIQ | 211.3330, -49.4700, -6.5420 |

Conversions

Conversions Part 2

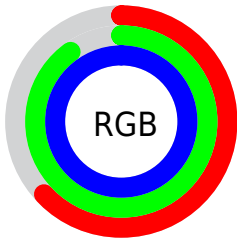
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 160, 200, 255 |
| Decimal | 10544639 |
| CIE _{Lab} | 87.35, -15.23, -19.44 |
| CIE _{LCh} | 87, 24.695, 231.920 |
| Yxy | 70.7322, 0.2562, 0.2992 |
| Android (android.graphics.Color) | 4288734719 (0xFFA0E5FF) |
| YUV | 211.3330, 21.5278, -45.0190 |
| Hunter-Lab | 84.1024, -18.6322, -15.1986 |

Details

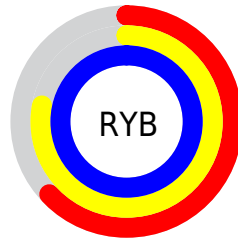
The XYZ color **60.5665, 70.7322, 105.0682** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **65.1444, 58.9161, 41.1980**, and the grayscale version is **62.0242, 65.2543, 71.0619**.

A 20% lighter version of the original color is **82.4253, 93.4917, 108.3092**, and **30.8455, 36.9074, 58.9242** is the 20% darker color. If you saturate the color by 10%, you get **54.0902, 64.5862, 104.2233**, and if you desaturate by 10%, it is **68.1698, 77.5778, 105.9888**.

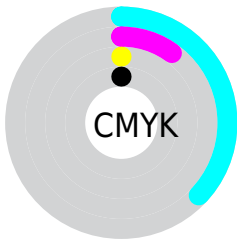
Distribution



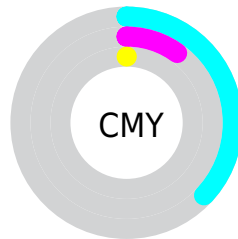
- Red (63%)
- Green (90%)
- Blue (100%)



- Red (63%)
- Yellow (78%)
- Blue (100%)



- Cyan (37%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (37%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.5665, 70.7322, 105.0682 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 60.5665, 70.7322, 105.0682 by changing the saturation by 10% instead.

60.5665, 70.7322,
105.0682

60.5665, 70.7322,
105.0682

416.4841,
463.1167, 597.7073

44.1266, 52.1237,
79.8995

104.7527,
120.2523, 170.2172

30.9684, 37.1037,
59.1100

133.2297,
151.9327, 211.0346

20.7265, 25.2878,
42.2811

166.4498,
188.7392, 257.9053

13.0355, 16.2916,
28.9942

204.7784,
231.0562, 311.2478

7.5302, 9.7307,
18.8309

248.5807,
279.2680, 371.4807

3.8451, 5.2208,
11.3726

298.2222,

1.6149, 2.3774,

333.7591, 439.0226

6.2007

354.0682,
394.9139, 514.2920

■ 0.4021, 0.8142,
2.8968

■ 0.0000, 0.0000,
1.0422

■ 60.5665, 70.7322,
105.0682

■ 60.5665, 70.7322,
105.0682

■ 54.0902, 64.5862,
104.2233

■ 68.1698, 77.5778,
105.9888

■ 48.6698, 59.0967,
103.4494

■ 76.9539, 85.1470,
106.9868

■ 44.2348, 54.2277,
102.7433

■ 86.9762, 93.4723,
108.0656

■ 40.7031, 49.9356,
102.1010

95.0500, 100.0000,
108.9000

■ 37.9784, 46.1692,
101.5176

■ 35.9367, 42.8632,
100.9871

■ 35.4447, 42.0094,
100.8482

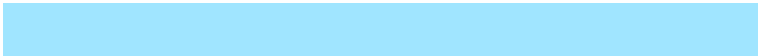
Harmonies

Analogous

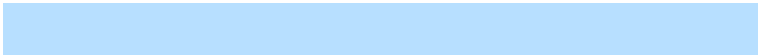
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



57.3813, 70.7322, 89.5974



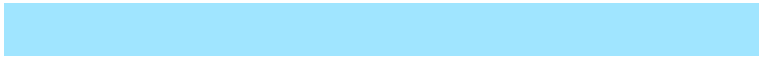
60.5665, 70.7322, 105.0682



65.6696, 70.7322, 113.2647

Triad

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



60.5665, 70.7322, 105.0682



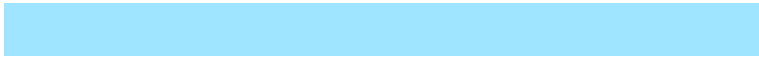
78.9165, 70.7322, 81.6040



63.1410, 70.7322, 50.9666

Complementary

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



60.5665, 70.7322, 105.0682



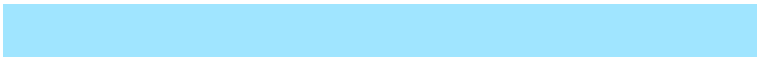
65.1444, 58.9161, 41.1980

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.



68.8125, 70.7322, 49.4651



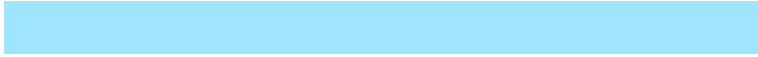
60.5665, 70.7322, 105.0682



78.1431, 70.7322, 65.6701

Square

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



60.5665, 70.7322, 105.0682



76.4188, 70.7322, 98.4992



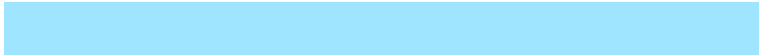
74.3627, 70.7322, 54.4611



58.8069, 70.7322, 58.9073

Rectangle

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



60.5665, 70.7322, 105.0682



69.5646, 70.7322, 112.7835



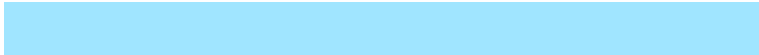
74.3627, 70.7322, 54.4611



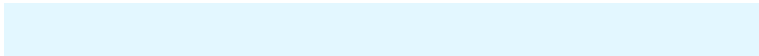
64.9460, 70.7322, 49.7430

Sweetspot

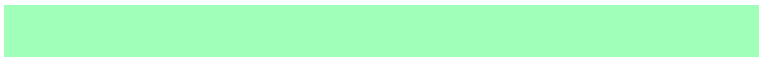
The Sweet Spot groups the original color and five complimentary colors.



60.5685, 70.7349, 105.0686



83.0727, 90.2626, 107.6518



59.0505, 82.5110, 58.8993



17.4881, 19.0771, 23.0105



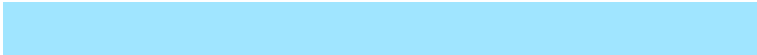
0.0000, 0.0000, 0.0000



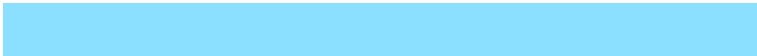
20.3446, 21.4041, 23.3091

Same Dimension

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



60.5685, 70.7349, 105.0686



55.4552, 65.9128, 104.4074



49.3108, 48.2195, 101.3161



18.1099, 19.5913, 23.0770



18.6517, 22.2129, 52.7391



1.9072, 2.3452, 5.1654

Inverse Universe

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



67.9549, 52.0604, 80.5987



64.0548, 45.4494, 75.6322



76.6775, 81.9823, 45.0424



18.5681, 18.2106, 21.6087



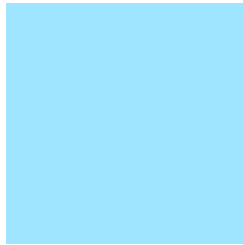
26.2027, 12.9704, 25.5156



2.5973, 1.2813, 2.7268

Previews

White Background



This preview shows how the XYZ color 60.5665, 70.7322, 105.0682 looks on a white background.

Color Contrast Check

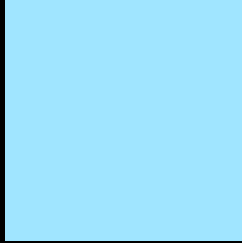
Large Text (above 18pt) WCAG AA × Fail

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 60.5665, 70.7322, 105.0682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

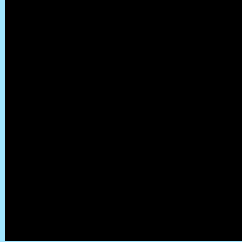
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.5665, 70.7322, 105.0682

Background



This preview shows how black text looks on a background with the XYZ color 60.5665, 70.7322, 105.0682.

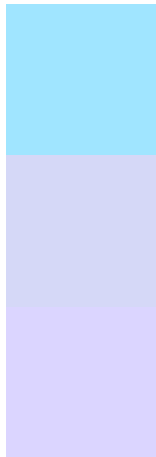


This preview shows how white text looks on a background with the XYZ color 60.5665, 70.7322,

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

60.5665, 70.7322, 105.0682

Protanopia

68.7849, 69.9733, 97.8765

Deuteranopia

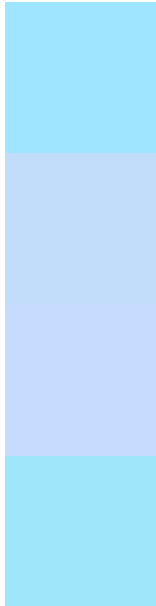
71.0577, 69.8686, 104.3486



Tritanopia

59.4962, 70.7023, 100.1337

Trichromacy



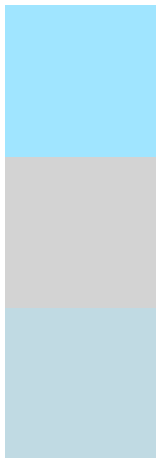
Original Color
60.5665, 70.7322, 105.0682

Protanomaly
65.3599, 70.0844, 100.5253

Deuteranomaly
66.6702, 69.8888, 104.5837

Tritanomaly
60.0075, 70.9296, 101.7948

Monochromacy



Original Color
60.5665, 70.7322, 105.0682

Achromatopsia
61.9161, 65.1406, 70.9381

Achromatomaly
60.6748, 66.8953, 82.3872

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5665, 70.7322, 105.0682 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(160, 229, 255)` looks like.

```
.text, #text, p{  
    color:rgb(160, 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(160, 229, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 229, 255) }
```

Border

The CSS property to change the border of an element to XYZ 60.5665, 70.7322, 105.0682 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(160, 229, 255) }
```


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

```
.border{ border-color:rgb(160, 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(160, 229, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 229, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 229, 255);  
box-shadow:4px 4px 4px 4px rgb(160, 229,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5665, 70.7322, 105.0682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 229, 255) }
```

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

```
.background{ background-color: rgb(160,  
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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