

Converting Colors

XYZ(62.3731, 73.7470,
105.5549)

Have a look what the booklet for
XYZ(62.3731, 73.7470, 105.5549)
contains.

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Color

**XYZ(62.3731, 73.7470,
105.5549)**

Conversions

Conversions Part 1

Format	Color
Hex	A2EAFF
RGB	162, 234, 255
RGB Percent	64%, 92%, 100%
CMY	0.3647, 0.0823, 0.0000
CMYK	0.36, 0.08, 0.00, 0.00
HSL	194°, 100%, 82%
HSV	194°, 36%, 100%
XYZ	62.3731, 73.7470, 105.5549
YIQ	214.8660, -49.6530, -8.7330

Conversions

Conversions Part 2

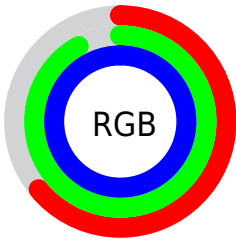
Format	Color
R _Y B	162, 203, 255
Decimal	10676991
CIE Lab	88.80, -17.24, -17.25
CIE LCh	89, 24.383, 225.017
Yxy	73.7470, 0.2581, 0.3051
Android (android.graphics.Color)	4288867071 (0xFFA2EAFF)
YUV	214.8660, 19.7861, -46.3635
Hunter-Lab	85.8761, -20.6359, -12.7633

Details

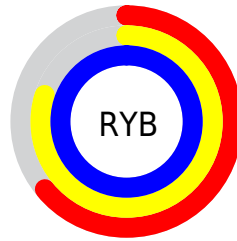
The XYZ color **62.3731, 73.7470, 105.5549** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **64.6954, 57.7358, 41.9186**, and the grayscale version is **64.3969, 67.7505, 73.7803**.

A 20% lighter version of the original color is **83.3252, 93.9556, 108.3513**, and **32.0573, 38.9822, 59.2608** is the 20% darker color. If you saturate the color by 10%, you get **56.0968, 68.1193, 104.7995**, and if you desaturate by 10%, it is **69.7569, 80.0282, 106.3782**.

Distribution



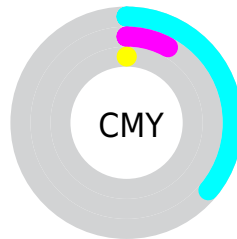
- Red (64%)
- Green (92%)
- Blue (100%)



- Red (64%)
- Yellow (80%)
- Blue (100%)



- Cyan (36%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (36%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.3731, 73.7470, 105.5549 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 62.3731, 73.7470, 105.5549 by changing the saturation by 10% instead.

62.3731, 73.7470,
105.5549

62.3731, 73.7470,
105.5549

422.9866,
473.5997, 599.2573

45.5910, 54.5870,
80.3051

107.3515,
124.5371, 170.8884

32.1264, 39.0712,
59.4418

136.2785,
156.9360, 211.8091

21.6141, 26.8151,
42.5465

169.9844,
194.5166, 258.7905

13.6886, 17.4344,
29.2007

208.8347,
237.6634, 312.2512

7.9847, 10.5447,
18.9858

253.1948,
286.7607, 372.6097

4.1369, 5.7616,
11.4833

303.4299,

1.7799, 2.7006,

342.1929, 440.2845

6.2747

359.9054,
404.3444, 515.6942

■ 0.5055, 0.9775,
2.9413

■ 0.0000, 0.0000,
1.0648

■ 62.3731, 73.7470,
105.5549

■ 62.3731, 73.7470,
105.5549

■ 56.0968, 68.1193,
104.7995

■ 69.7569, 80.0282,
106.3782

■ 50.8576, 63.1029,
104.1073

■ 78.3013, 86.9857,
107.2708

■ 46.5862, 58.6629,
103.4755

■ 88.0628, 94.6513,
108.2359

■ 43.2019, 54.7571,
102.8999

95.0500, 100.0000,
108.9000

■ 40.6100, 51.3358,
102.3762

■ 38.6924, 48.3374,
101.8985

■ 38.1136, 47.3472,
101.7379

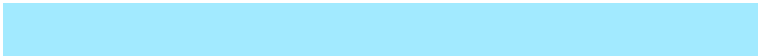
Harmonies

Analogous

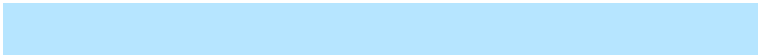
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



59.6932, 73.7470, 89.0187



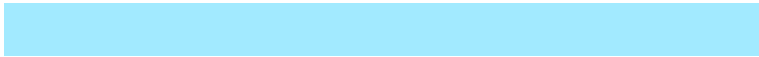
62.3731, 73.7470, 105.5549



67.2007, 73.7470, 115.9705

Triad

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



62.3731, 73.7470, 105.5549



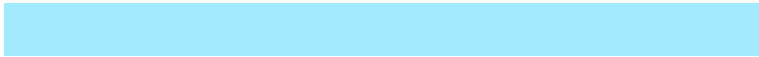
81.6404, 73.7470, 88.9983



67.1942, 73.7470, 52.8158

Complementary

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



62.3731, 73.7470, 105.5549



64.6954, 57.7358, 41.9186

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.



73.0698, 73.7470, 52.8119



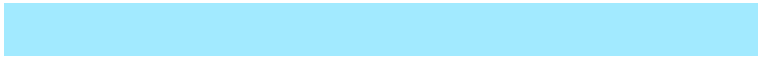
62.3731, 73.7470, 105.5549



81.6384, 73.7470, 72.1662

Square

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



62.3731, 73.7470, 105.5549



78.4331, 73.7470, 105.5381



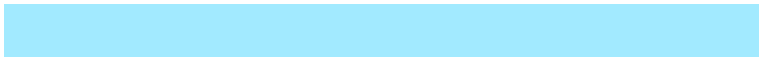
78.4278, 73.7470, 59.4301



62.3686, 73.7470, 59.4416

Rectangle

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



62.3731, 73.7470, 105.5549



71.0917, 73.7470, 117.2279



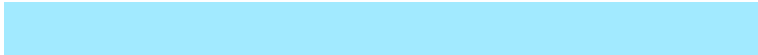
78.4278, 73.7470, 59.4301



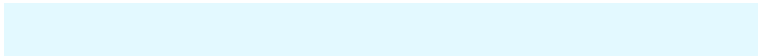
69.1063, 73.7470, 52.0739

Sweetspot

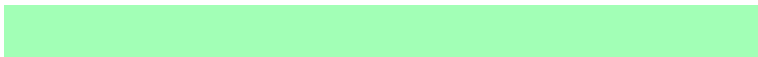
The Sweet Spot groups the original color and five complimentary colors.



62.3751, 73.7498, 105.5554



83.4857, 91.0885, 107.7894



59.1205, 82.5856, 57.1637



17.5869, 19.2747, 23.0434



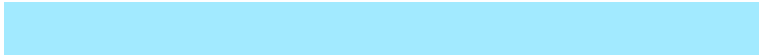
0.0000, 0.0000, 0.0000



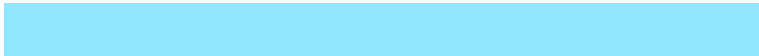
20.3446, 21.4041, 23.3091

Same Dimension

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



62.3751, 73.7498, 105.5554



57.5477, 69.4510, 104.9800



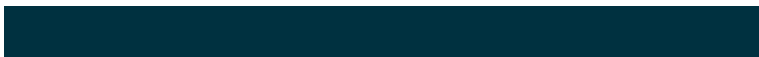
51.0098, 51.0192, 101.7669



18.1866, 19.7448, 23.1025



20.0326, 24.9747, 53.1994



2.0316, 2.5939, 5.2069

Inverse Universe

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



69.0129, 53.0429, 84.4459



65.2688, 46.5395, 80.1619



75.6848, 79.7145, 45.5818



18.6068, 18.2261, 21.8128



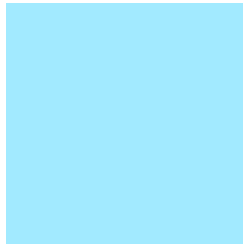
26.8997, 13.2492, 29.1861



2.6601, 1.3064, 3.0574

Previews

White Background



This preview shows how the XYZ color 62.3731, 73.7470, 105.5549 looks on a white background.

Color Contrast Check

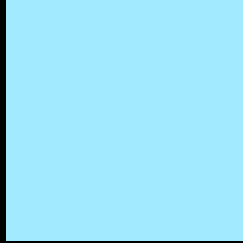
Large Text (above 18pt) WCAG AA × Fail

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 62.3731, 73.7470, 105.5549 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 62.3731, 73.7470, 105.5549

Background



This preview shows how black text looks on a background with the XYZ color 62.3731, 73.7470, 105.5549.

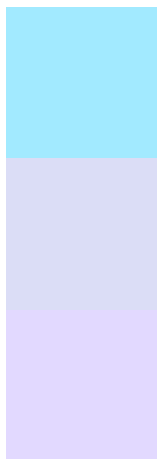


This preview shows how white text looks on a background with the XYZ color 62.3731, 73.7470,

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

62.3731, 73.7470, 105.5549

Protanopia

71.7044, 73.4268, 97.5823

Deuteranopia

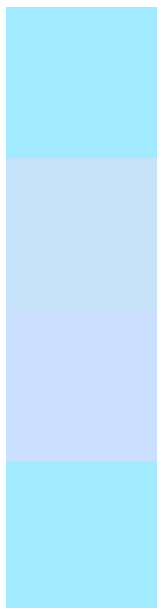
74.2269, 73.0145, 104.7888



Tritanopia

62.0527, 73.6189, 103.8678

Trichromacy



Original Color

62.3731, 73.7470, 105.5549

Protanomaly

67.5839, 73.2380, 100.1968

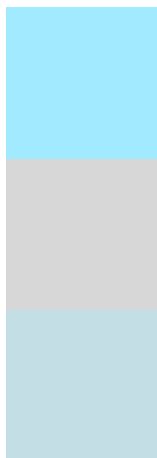
Deuteranomaly

69.0663, 72.6919, 104.9985

Tritanomaly

62.2125, 73.6828, 104.7092

Monochromacy



Original Color

62.3731, 73.7470, 105.5549

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

63.1692, 69.6915, 84.9853

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3731, 73.7470, 105.5549 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, 234, 255)` looks like.

```
.text, #text, p{  
    color:rgb(162, 234, 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, 234, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 234, 255) }
```

Border

The CSS property to change the border of an element to XYZ 62.3731, 73.7470, 105.5549 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, 234, 255) }
```


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

```
.border{ border-color:rgb(162, 234, 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, 234, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 234, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 234, 255);  
box-shadow:4px 4px 4px 4px rgb(162, 234,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3731, 73.7470, 105.5549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 234, 255) }
```

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

```
.background{ background-color: rgb(162,  
234, 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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