

Converting Colors

XYZ(64.2120, 75.0656,
114.7730)

Have a look what the booklet for
XYZ(64.2120, 75.0656, 114.7730)
contains.

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Color

**XYZ(62.4563, 74.2137,
105.6406)**

Conversions

Conversions Part 1

Format	Color
Hex	A1EBFF
RGB	161, 235, 255
RGB Percent	63%, 92%, 100%
CMY	0.3686, 0.0784, 0.0000
CMYK	0.37, 0.08, 0.00, 0.00
HSL	193°, 100%, 82%
HSV	193°, 37%, 100%
XYZ	62.4563, 74.2137, 105.6406
YIQ	215.1540, -50.5240, -9.4680

Conversions

Conversions Part 2

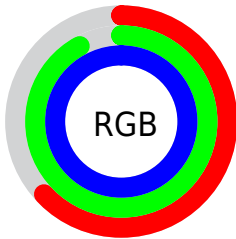
Format	Color
R_{YB}	161, 202, 255
Decimal	10611711
CIE _{Lab}	89.02, -17.99, -16.92
CIE _{LCh}	89, 24.700, 223.238
Yxy	74.2137, 0.2578, 0.3063
Android (android.graphics.Color)	4288801791 (0xFFA1EBFF)
YUV	215.1540, 19.6441, -47.4931
Hunter-Lab	86.1474, -21.3465, -12.4028

Details

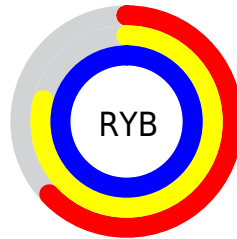
The XYZ color **62.4563, 74.2137, 105.6406** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **64.1974, 56.8813, 41.3159**, and the grayscale version is **64.5930, 67.9569, 74.0051**.

A 20% lighter version of the original color is **83.0234, 93.8001, 108.3372**, and **32.1388, 39.3207, 59.3218** is the 20% darker color. If you saturate the color by 10%, you get **56.3029, 68.7726, 104.9147**, and if you desaturate by 10%, it is **69.7089, 80.2953, 106.4322**.

Distribution



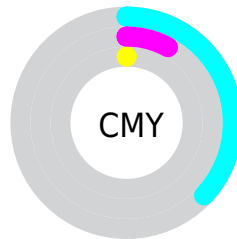
- Red (63%)
- Green (92%)
- Blue (100%)



- Red (63%)
- Yellow (79%)
- Blue (100%)



- Cyan (37%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (37%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.4563, 74.2137, 105.6406 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 62.4563, 74.2137, 105.6406 by changing the saturation by 10% instead.

62.4563, 74.2137,
105.6406

62.4563, 74.2137,
105.6406

423.2847,
475.2106, 599.5300

45.6585, 54.9690,
80.3765

107.4710,
125.1987, 171.0065

32.1799, 39.3769,
59.5002

136.4185,
157.7077, 211.9454

21.6552, 27.0530,
42.5933

170.1467,
195.4070, 258.9463

13.7189, 17.6131,
29.2371

209.0209,
238.6809, 312.4278

8.0058, 10.6725,
19.0131

253.4065,
287.9138, 372.8084

4.1505, 5.8471,
11.5029

303.6687,

1.7876, 2.7523,

343.4901, 440.5065

6.2877

360.1730,
405.7943, 515.9409

■ 0.5102, 1.0038,
2.9492

■ 0.0000, 0.0000,
1.0688

■ 62.4563, 74.2137,
105.6406

■ 62.4563, 74.2137,
105.6406

■ 56.3029, 68.7726,
104.9147

■ 69.7089, 80.2953,
106.4322

■ 51.1782, 63.9298,
104.2500

■ 78.1139, 87.0401,
107.2911

■ 47.0126, 59.6504,
103.6436

■ 87.7279, 94.4797,
108.2204

■ 43.7250, 55.8922,
103.0915

95.0500, 100.0000,
108.9000

■ 41.2202, 52.6053,
102.5890

■ 39.3779, 49.7270,
102.1306

■ 38.8791, 48.8783,
101.9930

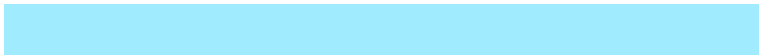
Harmonies

Analogous

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



59.8850, 74.2137, 88.6173



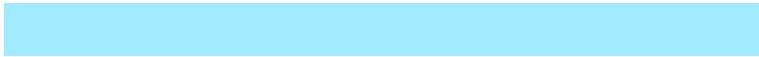
62.4563, 74.2137, 105.6406



67.2601, 74.2137, 116.7837

Triad

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



62.4563, 74.2137, 105.6406



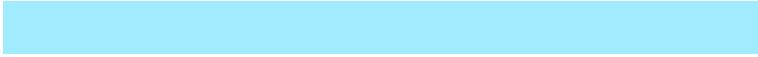
82.1810, 74.2137, 90.7227



67.9268, 74.2137, 52.7025

Complementary

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



62.4563, 74.2137, 105.6406



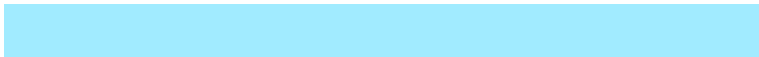
64.1974, 56.8813, 41.3159

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.



73.9205, 74.2137, 53.0993



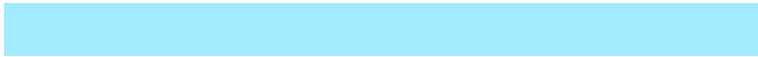
62.4563, 74.2137, 105.6406



82.3847, 74.2137, 73.4680

Square

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



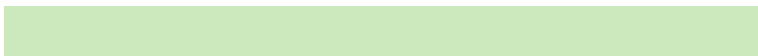
62.4563, 74.2137, 105.6406



78.7466, 74.2137, 107.3693



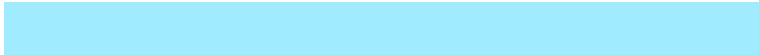
79.2882, 74.2137, 60.2049



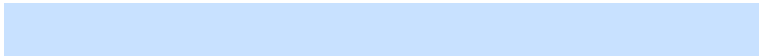
62.9204, 74.2137, 59.0308

Rectangle

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



62.4563, 74.2137, 105.6406



71.1920, 74.2137, 118.5207



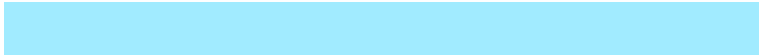
79.2882, 74.2137, 60.2049



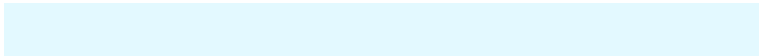
69.8878, 74.2137, 52.0838

Sweetspot

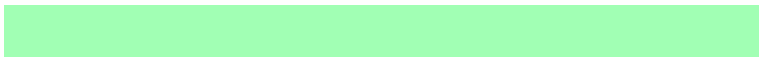
The Sweet Spot groups the original color and five complimentary colors.



62.4583, 74.2165, 105.6411



83.5986, 91.3144, 107.8271



58.6771, 82.3848, 55.8844



17.6139, 19.3288, 23.0524



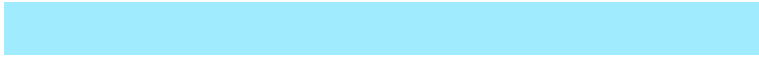
0.0000, 0.0000, 0.0000



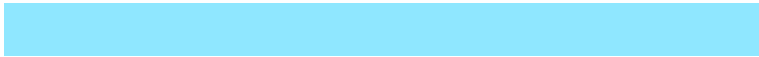
20.3446, 21.4041, 23.3091

Same Dimension

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



62.4583, 74.2165, 105.6411



57.9558, 70.2672, 105.1161



50.9902, 51.2802, 101.8183



18.2076, 19.7868, 23.1095



20.4282, 25.7660, 53.3312



2.0670, 2.6647, 5.2187

Inverse Universe

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



68.9816, 52.7497, 85.1463



65.4748, 46.6219, 81.2466



75.0882, 78.6629, 44.9462



18.6174, 18.2303, 21.8685



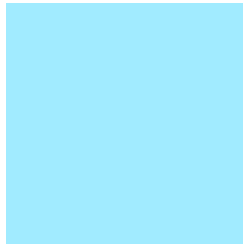
27.0994, 13.3291, 30.2377



2.6779, 1.3135, 3.1513

Previews

White Background



This preview shows how the XYZ color 62.4563, 74.2137, 105.6406 looks on a white background.

Color Contrast Check

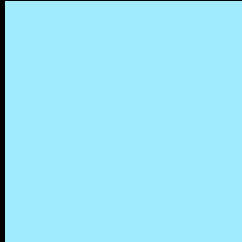
Large Text (above 18pt) WCAG AA × Fail

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 62.4563, 74.2137, 105.6406 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 62.4563, 74.2137, 105.6406

Background



This preview shows how black text looks on a background with the XYZ color 62.4563, 74.2137, 105.6406.



This preview shows how white text looks on a background with the XYZ color 62.4563, 74.2137,

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





Tritanopia

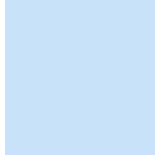
62.2957, 74.1495, 104.7949

Trichromacy



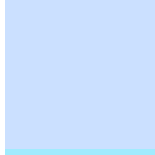
Original Color

62.4563, 74.2137, 105.6406



Protanomaly

67.8484, 73.3744, 100.2092



Deuteranomaly

69.3343, 73.2278, 105.0878



Tritanomaly

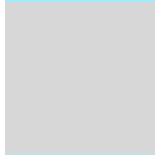
62.2957, 74.1495, 104.7949

Monochromacy



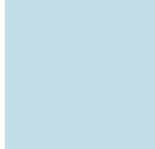
Original Color

62.4563, 74.2137, 105.6406



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

62.9099, 69.5578, 84.9732

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4563, 74.2137, 105.6406 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(161, 235, 255)` looks like.

```
.text, #text, p{  
    color:rgb(161, 235, 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(161, 235, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 235, 255) }
```

Border

The CSS property to change the border of an element to XYZ 62.4563, 74.2137, 105.6406 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(161, 235, 255) }
```


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

```
.border{ border-color:rgb(161, 235, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 235, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 235, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 235, 255);  
box-shadow:4px 4px 4px 4px rgb(161, 235,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4563, 74.2137, 105.6406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 235, 255) }
```

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

```
.background{ background-color: rgb(161,  
235, 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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