

Converting Colors

XYZ(64.0597, 74.3149,
101.3282)

Have a look what the booklet for
XYZ(64.0597, 74.3149, 101.3282)
contains.

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Color

**XYZ(64.0734, 74.2939,
101.4056)**

Conversions

Conversions Part 1

Format	Color
Hex	AFE9FA
RGB	175, 233, 250
RGB Percent	69%, 91%, 98%
CMY	0.3137, 0.0863, 0.0196
CMYK	0.30, 0.07, 0.00, 0.02
HSL	194°, 88%, 83%
HSV	194°, 30%, 98%
XYZ	64.0734, 74.2939, 101.4056
YIQ	217.5960, -40.0250, -7.0090

Conversions

Conversions Part 2

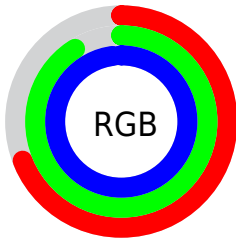
Format	Color
R _Y B	175, 208, 250
Decimal	11528698
CIE Lab	89.06, -14.44, -14.17
CIE LCh	89, 20.231, 224.470
Yxy	74.2939, 0.2672, 0.3099
Android (android.graphics.Color)	4289718778 (0xFFAFE9FA)
YUV	217.5960, 15.9752, -37.3567
Hunter-Lab	86.1939, -18.1490, -9.4179

Details

The XYZ color **64.0734, 74.2939, 101.4056** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **66.0128, 61.1190, 48.8770**, and the grayscale version is **66.2776, 69.7291, 75.9350**.

A 20% lighter version of the original color is **87.0887, 95.8958, 108.5274**, and **33.2055, 39.3324, 56.8807** is the 20% darker color. If you saturate the color by 10%, you get **57.3956, 68.5101, 100.6424**, and if you desaturate by 10%, it is **71.8459, 80.7222, 102.2380**.

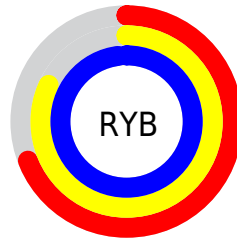
Distribution



Red (69%)

Green (91%)

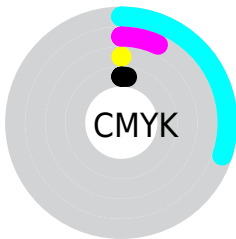
Blue (98%)



Red (69%)

Yellow (82%)

Blue (98%)

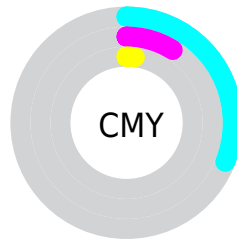


Cyan (30%)

Magenta (7%)

Yellow (0%)

Black (2%)



Cyan (31%)

Magenta (9%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.0734, 74.2939, 101.4056 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 64.0734, 74.2939, 101.4056 by changing the saturation by 10% instead.

64.0734, 74.2939,
101.4056

64.0734, 74.2939,
101.4056

429.0527,
475.4871, 585.9749

46.9720, 55.0346,
76.8515

109.7898,
125.3123, 165.1562

33.2214, 39.4294,
56.6202

139.1355,
157.8403, 205.1897

22.4562, 27.0940,
40.2931

173.2934,
195.5599, 251.2202

14.3109, 17.6438,
27.4516

212.6288,
238.8556, 303.6661

8.4204, 10.6946,
17.6772

257.5071,
288.1118, 362.9460

4.4192, 5.8618,
10.5515

308.2936,

1.9419, 2.7613,

343.7128, 429.4784

5.6557

365.3536,
406.0431, 503.6819

■ 0.6010, 1.0084,
2.5715

■ 0.0000, 0.0000,
0.8777

■ 64.0734, 74.2939,
101.4056

■ 64.0734, 74.2939,
101.4056

■ 57.3956, 68.5101,
100.6424

■ 71.8459, 80.7222,
102.2380

■ 51.7478, 63.3312,
99.9405

■ 80.7599, 87.8142,
103.1371

■ 47.0690, 58.7269,
99.2983

■ 90.8675, 95.5994,
104.1070

■ 43.2882, 54.6599,
98.7126

■ 94.2556, 99.6822,
104.7165

■ 40.3247, 51.0877,
98.1793

■ 38.0820, 47.9599,
97.6938

■ 36.4015, 45.1941,
97.2485

■ 36.4014, 45.1938,
97.2485

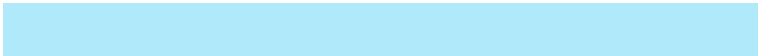
Harmonies

Analogous

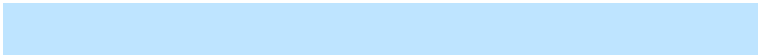
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



61.8409, 74.2939, 87.8570



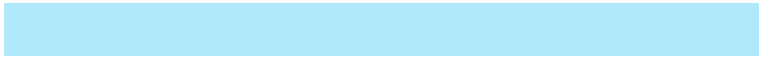
64.0734, 74.2939, 101.4056



68.1104, 74.2939, 109.9195

Triad

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



64.0734, 74.2939, 101.4056



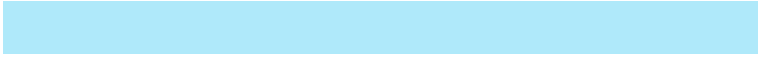
80.1309, 74.2939, 88.3696



68.2756, 74.2939, 57.3846

Complementary

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



64.0734, 74.2939, 101.4056



66.0128, 61.1190, 48.8770

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.



73.1785, 74.2939, 57.4879



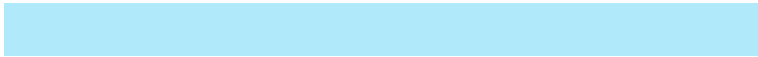
64.0734, 74.2939, 101.4056



80.1802, 74.2939, 74.3079

Square

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



64.0734, 74.2939, 101.4056



77.4538, 74.2939, 101.8182



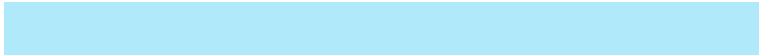
77.5855, 74.2939, 63.3525



64.1895, 74.2939, 63.0519

Rectangle

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



64.0734, 74.2939, 101.4056



71.3543, 74.2939, 111.0361



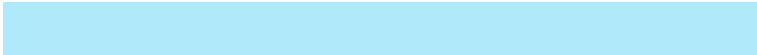
77.5855, 74.2939, 63.3525



69.8791, 74.2939, 56.7685

Sweetspot

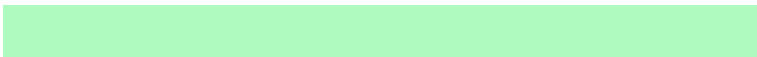
The Sweet Spot groups the original color and five complimentary colors.



64.0756, 74.2969, 101.4073



85.4680, 92.6304, 107.9825



61.2978, 81.2592, 61.8901



17.9828, 19.5837, 23.0822



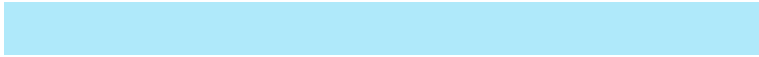
0.0000, 0.0000, 0.0000



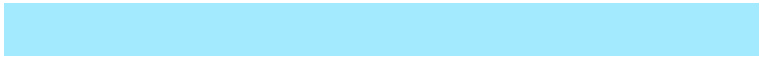
20.3446, 21.4041, 23.3091

Same Dimension

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



64.0756, 74.2969, 101.4073



62.6736, 73.9844, 105.5849



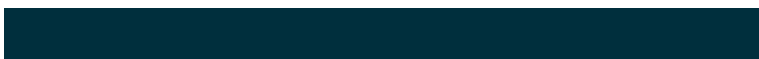
54.7325, 55.6106, 98.2929



17.4127, 18.9022, 22.1160



19.4215, 24.1986, 51.6207



1.8775, 2.3986, 4.8072

Inverse Universe

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



69.4641, 56.8689, 84.4097



69.2521, 53.4772, 84.6610



75.1138, 79.3210, 51.9107



17.8148, 17.4533, 20.8807



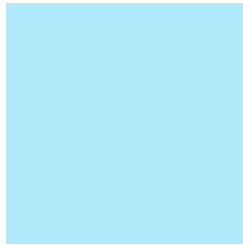
26.0951, 12.8538, 28.2729



2.4566, 1.2064, 2.8277

Previews

White Background



This preview shows how the XYZ color 64.0734, 74.2939, 101.4056 looks on a white background.

Color Contrast Check

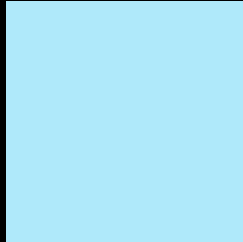
Large Text (above 18pt) WCAG AA × Fail

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 64.0734, 74.2939, 101.4056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

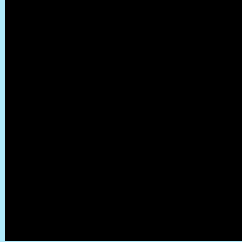
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.0734, 74.2939, 101.4056

Background



This preview shows how black text looks on a background with the XYZ color 64.0734, 74.2939, 101.4056.



This preview shows how white text looks on a background with the XYZ color 64.0734, 74.2939,

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

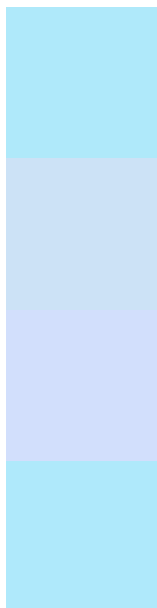




Tritanopia

64.2307, 74.3568, 102.2338

Trichromacy



Original Color

64.0734, 74.2939, 101.4056

Protanomaly

68.7327, 73.8839, 97.8272

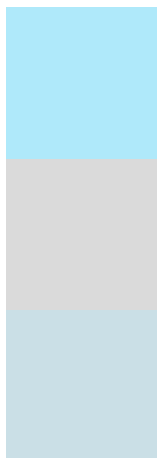
Deuteranomaly

70.5367, 73.5053, 102.5657

Tritanomaly

64.2307, 74.3568, 102.2338

Monochromacy



Original Color

64.0734, 74.2939, 101.4056

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

65.0277, 71.0451, 85.1487

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.0734, 74.2939, 101.4056 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(175, 233, 250)` looks like.

```
.text, #text, p{  
    color:rgb(175, 233, 250)  
}
```

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(175, 233, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 233, 250) }
```

Border

The CSS property to change the border of an element to XYZ 64.0734, 74.2939, 101.4056 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(175, 233, 250) }
```


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

```
.border{ border-color:rgb(175, 233, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 233, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 233, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 233, 250);  
box-shadow:4px 4px 4px 4px rgb(175, 233,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 64.0734, 74.2939, 101.4056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 233, 250) }
```

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

```
.background{ background-color: rgb(175,  
233, 250) }
```

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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