

Converting Colors

XYZ(57.1266, 62.4603, 97.0408)

Have a look what the booklet for
XYZ(57.1266, 62.4603, 97.0408)
contains.

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Color

**XYZ(57.1266, 62.4603,
97.0408)**

Conversions

Conversions Part 1

Format	Color
Hex	ABD4F7
RGB	171, 212, 247
RGB Percent	67%, 83%, 97%
CMY	0.3294, 0.1686, 0.0314
CMYK	0.31, 0.14, 0.00, 0.03
HSL	208°, 83%, 82%
HSV	208°, 31%, 97%
XYZ	57.1266, 62.4603, 97.0408
YIQ	203.7310, -35.6710, 2.1930

Conversions

Conversions Part 2

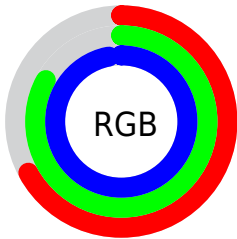
Format	Color
RYB	171, 198, 247
Decimal	11261175
CIELab	83.16, -5.44, -21.51
CIElCh	83, 22.186, 255.794
Yxy	62.4603, 0.2637, 0.2883
Android (android.graphics.Color)	4289451255 (0xFFABD4F7)
YUV	203.7310, 21.3316, -28.7051
Hunter-Lab	79.0318, -9.2805, -17.4781

Details

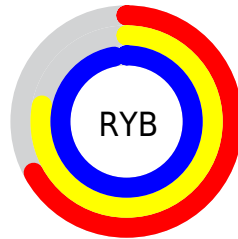
The XYZ color **57.1266, 62.4603, 97.0408** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **67.7808, 66.8579, 47.8623**, and the grayscale version is **57.1121, 60.0864, 65.4341**.

A 20% lighter version of the original color is **85.8049, 95.2340, 108.4673**, and **28.7971, 31.6574, 53.8829** is the 20% darker color. If you saturate the color by 10%, you get **49.4972, 54.4550, 95.8988**, and if you desaturate by 10%, it is **65.9656, 71.3894, 98.2995**.

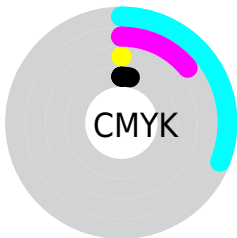
Distribution



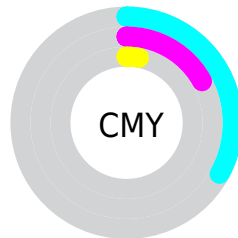
- Red (67%)
- Green (83%)
- Blue (97%)



- Red (67%)
- Yellow (78%)
- Blue (97%)



- Cyan (31%)
- Magenta (14%)
- Yellow (0%)
- Black (3%)



- Cyan (33%)
- Magenta (17%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.1266, 62.4603, 97.0408 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 57.1266, 62.4603, 97.0408 by changing the saturation by 10% instead.

■ 57.1266, 62.4603,
97.0408

■ 57.1266, 62.4603,
97.0408

403.9300,
433.6081, 571.8283

■ 41.3474, 45.4047,
73.2285

■ 99.7802, 108.3905,
159.1008

■ 28.7795, 31.7763,
53.6698

127.3853,
138.0340, 198.1855

■ 19.0575, 21.1907,
37.9464

159.6631,
172.6421, 243.1982

■ 11.8161, 13.2635,
25.6396

196.9790,
212.5995, 294.5572

■ 6.6899, 7.6102,
16.3308

239.6983,
258.2904, 352.6812

■ 3.3135, 3.8466,
9.6017

288.1863,

■ 1.3217, 1.5881,

310.0992, 417.9887

5.0335

342.8084,
368.4103, 490.8982

■ 0.1993, 0.3496,
2.2079

■ 0.0000, 0.0000,
0.6789

■ 57.1266, 62.4603,
97.0408

■ 57.1266, 62.4603,
97.0408

■ 49.4972, 54.4550,
95.8988

■ 65.9656, 71.3894,
98.2995

■ 43.0112, 47.3291,
94.8652

■ 76.0640, 81.2696,
99.6743

■ 37.6048, 41.0448,
93.9372

■ 87.4758, 92.1358,
101.1702

■ 33.2047, 35.5577,
93.1100

■ 93.7887, 99.4955,
102.2581

■ 29.7275, 30.8183,
92.3784

■ 27.0740, 26.7682,
91.7366

■ 25.2113, 23.5607,
91.2156

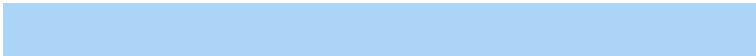
Harmonies

Analogous

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



53.1511, 62.4603, 88.8090



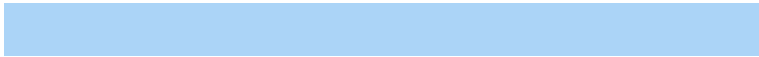
57.1266, 62.4603, 97.0408



61.9187, 62.4603, 96.8003

Triad

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



57.1266, 62.4603, 97.0408



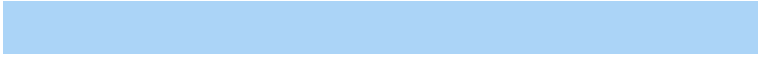
68.7145, 62.4603, 61.0536



52.9829, 62.4603, 51.1677

Complementary

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



57.1266, 62.4603, 97.0408



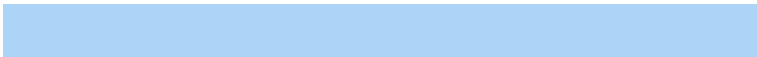
67.7808, 66.8579, 47.8623

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.



56.8857, 62.4603, 45.5801



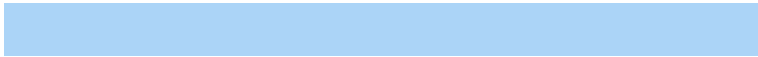
57.1266, 62.4603, 97.0408



66.0488, 62.4603, 50.7396

Square

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



57.1266, 62.4603, 97.0408



68.7876, 62.4603, 74.7155



61.6645, 62.4603, 45.4348



50.8477, 62.4603, 61.7157

Rectangle

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



57.1266, 62.4603, 97.0408



64.9397, 62.4603, 91.8250



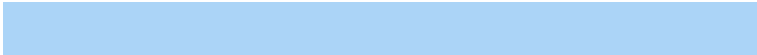
61.6645, 62.4603, 45.4348



54.1219, 62.4603, 48.7136

Sweetspot

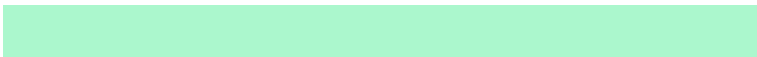
The Sweet Spot groups the original color and five complimentary colors.



57.1286, 62.4628, 97.0422



83.8256, 89.3455, 107.4351



61.1005, 79.5982, 70.0296



17.5772, 18.7725, 22.9470



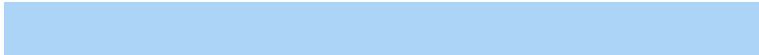
0.0000, 0.0000, 0.0000



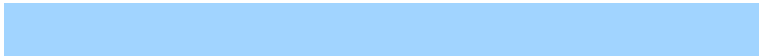
20.3446, 21.4041, 23.3091

Same Dimension

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



57.1286, 62.4628, 97.0422



56.1090, 61.6237, 103.5450



48.8758, 45.9573, 94.2913



16.3218, 17.4079, 21.0424



13.4771, 12.7480, 48.2883



1.2873, 1.3260, 4.2783

Inverse Universe

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



64.8060, 53.6553, 69.2308



65.7509, 51.3584, 68.4387



77.8202, 86.9366, 51.2088



16.8730, 16.6321, 19.0778



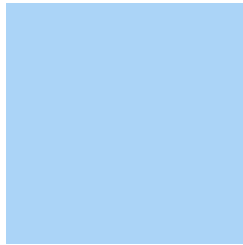
22.6071, 11.3863, 13.1715



2.0388, 1.0215, 1.4308

Previews

White Background



This preview shows how the XYZ color 57.1266, 62.4603, 97.0408 looks on a white background.

Color Contrast Check

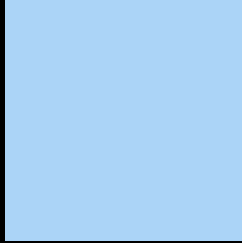
Large Text (above 18pt) WCAG AA × Fail

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 57.1266, 62.4603, 97.0408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

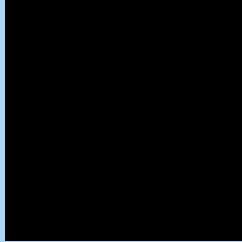
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

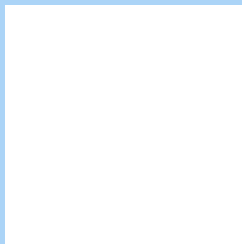
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.1266, 62.4603, 97.0408

Background



This preview shows how black text looks on a background with the XYZ color 57.1266, 62.4603, 97.0408.



This preview shows how white text looks on a background with the XYZ color 57.1266, 62.4603,

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

57.1266, 62.4603, 97.0408

Protanopia

61.4115, 62.2156, 92.7765

Deuteranopia

63.6730, 62.2024, 98.2729



Tritanopia

55.0144, 62.7519, 85.5567

Trichromacy



Original Color

57.1266, 62.4603, 97.0408

Protanomaly

59.8713, 62.4622, 94.4888

Deuteranomaly

61.0069, 62.2574, 97.6084

Tritanomaly

55.6948, 62.6426, 89.2766

Monochromacy



Original Color

57.1266, 62.4603, 97.0408

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

56.9693, 60.9994, 76.4816

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1266, 62.4603, 97.0408 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(171, 212, 247)` looks like.

```
.text, #text, p{  
    color:rgb(171, 212, 247)  
}
```

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(171, 212, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 212, 247) }
```

Border

The CSS property to change the border of an element to XYZ 57.1266, 62.4603, 97.0408 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(171, 212, 247) }
```


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

```
.border{ border-color:rgb(171, 212, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 212, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 212, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 212, 247);  
box-shadow:4px 4px 4px 4px rgb(171, 212,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1266, 62.4603, 97.0408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 212, 247) }
```

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

```
.background{ background-color: rgb(171,  
212, 247) }
```

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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