

Converting Colors

XYZ(61.9428, 68.0208,
101.0135)

Have a look what the booklet for
XYZ(61.9428, 68.0208, 101.0135)
contains.

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Color

**XYZ(61.8282, 67.8547,
101.1054)**

Conversions

Conversions Part 1

Format	Color
Hex	B4DCFB
RGB	180, 220, 251
RGB Percent	71%, 86%, 98%
CMY	0.2941, 0.1372, 0.0157
CMYK	0.28, 0.12, 0.00, 0.02
HSL	206°, 90%, 85%
HSV	206°, 28%, 98%
XYZ	61.8282, 67.8547, 101.1054
YIQ	211.5740, -33.7910, 1.1610

Conversions

Conversions Part 2

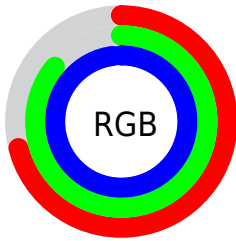
Format	Color
RYB	180, 206, 251
Decimal	11853051
CIELab	85.93, -6.14, -19.37
CIELCh	86, 20.321, 252.417
Yxy	67.8547, 0.2679, 0.2940
Android (android.graphics.Color)	4290043131 (0xFFB4DCFB)
YUV	211.5740, 19.4370, -27.6904
Hunter-Lab	82.3740, -10.1760, -15.1105

Details

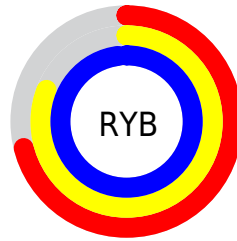
The XYZ color **61.8282, 67.8547, 101.1054** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **71.3172, 70.3939, 53.0104**, and the grayscale version is **62.1896, 65.4283, 71.2514**.

A 20% lighter version of the original color is **88.7351, 96.7445, 108.6045**, and **31.6502, 35.1653, 56.1584** is the 20% darker color. If you saturate the color by 10%, you get **53.7235, 59.5474, 99.9302**, and if you desaturate by 10%, it is **71.1837, 77.0900, 102.3960**.

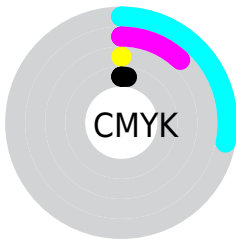
Distribution



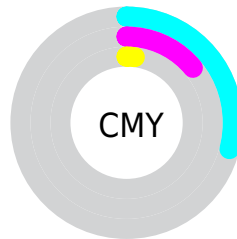
- Red (71%)
- Green (86%)
- Blue (98%)



- Red (71%)
- Yellow (81%)
- Blue (98%)



- Cyan (28%)
- Magenta (12%)
- Yellow (0%)
- Black (2%)



- Cyan (29%)
- Magenta (14%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.8282, 67.8547, 101.1054 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 61.8282, 67.8547, 101.1054 by changing the saturation by 10% instead.

■ 61.8282, 67.8547,
101.1054

■ 61.8282, 67.8547,
101.1054

421.0317,
452.9810, 585.0078

■ 45.1490, 49.7795,
76.6020

■ 106.5685,
116.1443, 164.7405

■ 31.7766, 35.2383,
56.4167

135.3603,
147.1274, 204.7093

■ 21.3456, 23.8465,
40.1309

168.9204,
183.1821, 250.6704

■ 13.4908, 15.2198,
27.3260

207.6140,
224.6926, 303.0422

■ 7.8467, 8.9738,
17.5836

251.8066,
272.0433, 362.2433

■ 4.0480, 4.7241,
10.4851

301.8635,

■ 1.7293, 2.0863,

325.6187, 428.6922

5.6120

358.1501,
385.8032, 502.8076

■ 0.4745, 0.6569,
2.5457

■ 0.0000, 0.0000,
0.8642

■ 61.8282, 67.8547,
101.1054

■ 61.8282, 67.8547,
101.1054

■ 53.7235, 59.5474,
99.9302

■ 71.1837, 77.0900,
102.3960

■ 46.8025, 52.1233,
98.8620

■ 81.8401, 87.2793,
103.8011

■ 41.0013, 45.5456,
97.8982

■ 93.7402, 98.3999,
105.3204

■ 36.2463, 39.7707,
97.0341

■ 94.4128, 99.7451,
105.5446

■ 32.4545, 34.7499,
96.2648

■ 29.5283, 30.4269,
95.5847

■ 27.3333, 26.7262,
94.9860

■ 26.9991, 26.1377,
94.8900

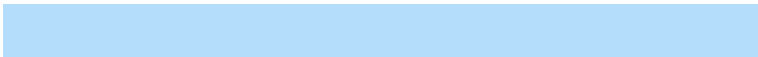
Harmonies

Analogous

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



58.1104, 67.8547, 92.5527



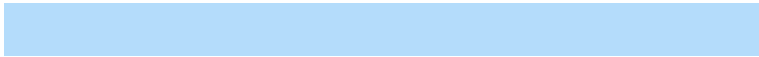
61.8282, 67.8547, 101.1054



66.4373, 67.8547, 101.8440

Triad

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



61.8282, 67.8547, 101.1054



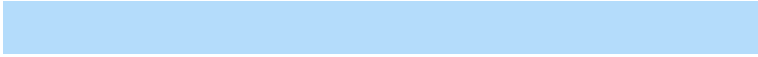
73.6340, 67.8547, 68.5072



58.6440, 67.8547, 56.5310

Complementary

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



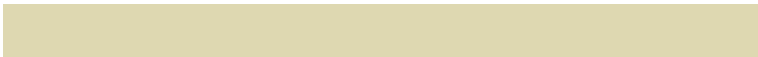
61.8282, 67.8547, 101.1054



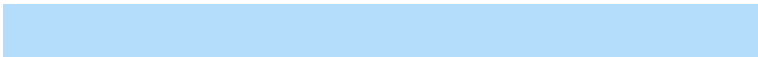
71.3172, 70.3939, 53.0104

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.



62.5887, 67.8547, 51.5732



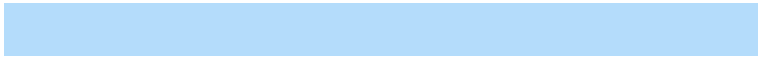
61.8282, 67.8547, 101.1054



71.3284, 67.8547, 57.9083

Square

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



61.8282, 67.8547, 101.1054



73.4062, 67.8547, 81.8977



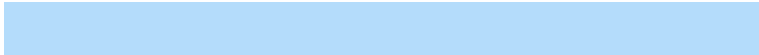
67.2351, 67.8547, 52.0450



56.3338, 67.8547, 66.4076

Rectangle

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



61.8282, 67.8547, 101.1054



69.4111, 67.8547, 97.6974



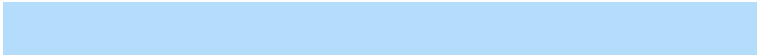
67.2351, 67.8547, 52.0450



59.8145, 67.8547, 54.2905

Sweetspot

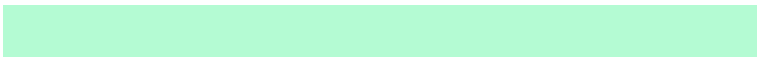
The Sweet Spot groups the original color and five complimentary colors.



61.8303, 67.8574, 101.1070



85.1632, 90.7826, 107.6419



65.0498, 83.3906, 74.1440



17.8522, 19.0760, 22.9911



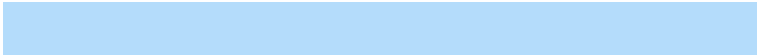
0.0000, 0.0000, 0.0000



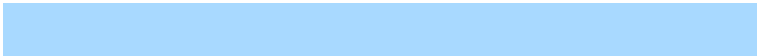
20.3446, 21.4041, 23.3091

Same Dimension

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



61.8303, 67.8574, 101.1070



59.1132, 65.2795, 104.0923



53.5299, 51.2567, 98.3402



17.0945, 18.2658, 22.0100



14.3393, 14.0341, 49.9267



1.4336, 1.5108, 4.6592

Inverse Universe

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



69.0250, 58.3209, 75.3321



67.8416, 54.3936, 72.6695



81.0602, 89.8798, 56.2581



17.6542, 17.3890, 20.0349



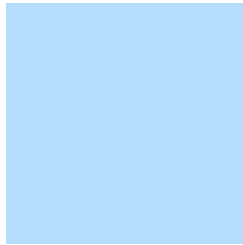
23.5298, 11.8277, 14.7644



2.2325, 1.1167, 1.6478

Previews

White Background



This preview shows how the XYZ color 61.8282, 67.8547, 101.1054 looks on a white background.

Color Contrast Check

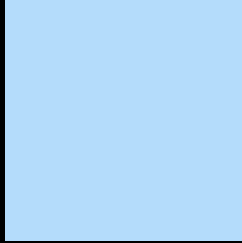
Large Text (above 18pt) WCAG AA × Fail

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 61.8282, 67.8547, 101.1054 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

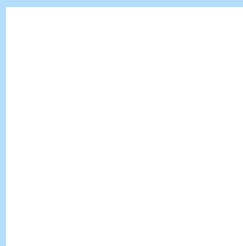
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.8282, 67.8547, 101.1054

Background



This preview shows how black text looks on a background with the XYZ color 61.8282, 67.8547, 101.1054.



This preview shows how white text looks on a background with the XYZ color 61.8282, 67.8547,

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

61.8282, 67.8547, 101.1054

Protanopia

66.7233, 67.7976, 96.7583

Deuteranopia

68.8490, 67.2917, 102.2884



Tritanopia

60.2095, 67.9988, 92.3898

Trichromacy



Original Color

61.8282, 67.8547, 101.1054

Protanomaly

64.7878, 67.8948, 98.4973

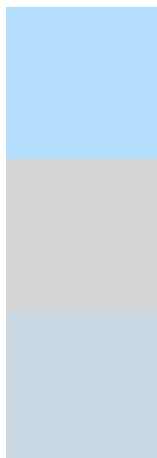
Deuteranomaly

65.9935, 67.3133, 101.6100

Tritanomaly

60.7760, 67.8283, 95.4769

Monochromacy



Original Color

61.8282, 67.8547, 101.1054

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.8473, 66.3712, 81.5027

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.8282, 67.8547, 101.1054 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(180, 220, 251)` looks like.

```
.text, #text, p{  
    color:rgb(180, 220, 251)  
}
```

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(180, 220, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 220, 251) }
```

Border

The CSS property to change the border of an element to XYZ 61.8282, 67.8547, 101.1054 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(180, 220, 251) }
```


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

```
.border{ border-color:rgb(180, 220, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 220, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 220, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 220, 251);  
box-shadow:4px 4px 4px 4px rgb(180, 220,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 61.8282, 67.8547, 101.1054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 220, 251) }
```

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

```
.background{ background-color: rgb(180,  
220, 251) }
```

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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