

Converting Colors

XYZ(57.3247, 61.3507,
101.7490)

Have a look what the booklet for
XYZ(57.3247, 61.3507, 101.7490)
contains.

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Color

**XYZ(57.3247, 61.3507,
101.7490)**

Conversions

Conversions Part 1

Format	Color
Hex	ABD1FD
RGB	171, 209, 253
RGB Percent	67%, 82%, 99%
CMY	0.3294, 0.1804, 0.0078
CMYK	0.32, 0.17, 0.00, 0.01
HSL	212°, 95%, 83%
HSV	212°, 32%, 99%
XYZ	57.3247, 61.3507, 101.7490
YIQ	202.6540, -36.7720, 5.6280

Conversions

Conversions Part 2

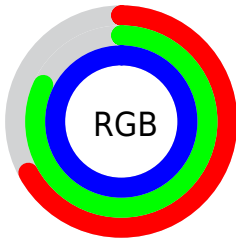
Format	Color
RYB	171, 197, 253
Decimal	11260413
CIELab	82.57, -2.41, -25.59
CIELCh	83, 25.703, 264.617
Yxy	61.3507, 0.2601, 0.2783
Android (android.graphics.Color)	4289450493 (0xFFABD1FD)
YUV	202.6540, 24.8206, -27.7606
Hunter-Lab	78.3267, -6.4335, -22.1910

Details

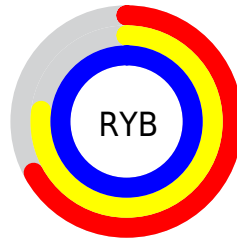
The XYZ color **57.3247, 61.3507, 101.7490** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **72.1603, 72.4248, 48.7062**, and the grayscale version is **56.4154, 59.3534, 64.6358**.

A 20% lighter version of the original color is **85.8049, 95.2340, 108.4673**, and **28.8876, 31.1412, 56.7129** is the 20% darker color. If you saturate the color by 10%, you get **49.1425, 52.3983, 100.4533**, and if you desaturate by 10%, it is **66.8493, 71.4192, 103.1915**.

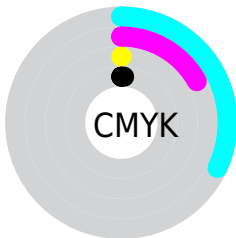
Distribution



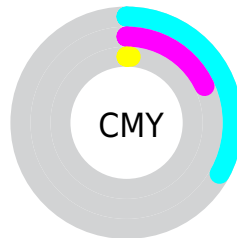
- Red (67%)
- Green (82%)
- Blue (99%)



- Red (67%)
- Yellow (77%)
- Blue (99%)



- Cyan (32%)
- Magenta (17%)
- Yellow (0%)
- Black (1%)



- Cyan (33%)
- Magenta (18%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.3247, 61.3507, 101.7490 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 57.3247, 61.3507, 101.7490 by changing the saturation by 10% instead.

■ 57.3247, 61.3507,
101.7490

■ 57.3247, 61.3507,
101.7490

404.6594,
429.5587, 587.0802

■ 41.5071, 44.5083,
77.1370

■ 100.0674,
106.7866, 165.6314

■ 28.9050, 31.0703,
56.8531

127.7233,
136.1488, 205.7389

■ 19.1529, 20.6524,
40.4787

160.0560,
170.4530, 251.8487

■ 11.8855, 12.8701,
27.5954

197.4309,
210.0837, 304.3793

■ 6.7374, 7.3392,
17.7845

240.2134,
255.4252, 363.7491

■ 3.3433, 3.6751,
10.6275

288.7687,

■ 1.3378, 1.4935,

306.8620, 430.3769

5.7060

343.4623,
364.7783, 504.6811

■ 0.2112, 0.2842,
2.6012

■ 0.0000, 0.0000,
0.8931

■ 57.3247, 61.3507,
101.7490

■ 57.3247, 61.3507,
101.7490

■ 49.1425, 52.3983,
100.4533

■ 66.8493, 71.4192,
103.1915

■ 42.2296, 44.5097,
99.2950

■ 77.7728, 82.6390,
104.7814

■ 36.5139, 37.6384,
98.2700

■ 90.1555, 95.0521,
106.5247

■ 31.9134, 31.7305,
97.3721

94.7298, 99.8719,
107.2139

■ 28.3339, 26.7259,
96.5948

■ 25.6632, 22.5542,
95.9303

■ 24.1201, 19.8724,
95.4940

Harmonies

Analogous

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



52.3959, 61.3507, 94.6847



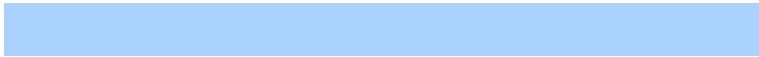
57.3247, 61.3507, 101.7490



62.8325, 61.3507, 98.3185

Triad

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



57.3247, 61.3507, 101.7490



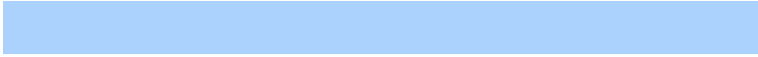
68.4724, 61.3507, 54.9537



50.1020, 61.3507, 50.7418

Complementary

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



57.3247, 61.3507, 101.7490



72.1603, 72.4248, 48.7062

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.



54.0137, 61.3507, 42.8603



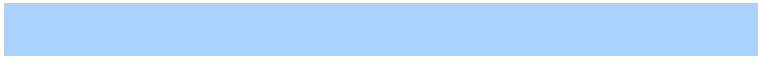
57.3247, 61.3507, 101.7490



64.6575, 61.3507, 45.0107

Square

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



57.3247, 61.3507, 101.7490



69.4961, 61.3507, 69.6847



59.3106, 61.3507, 40.9399



48.3972, 61.3507, 63.9970

Rectangle

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



57.3247, 61.3507, 101.7490



66.0657, 61.3507, 90.7821



59.3106, 61.3507, 40.9399



51.1900, 61.3507, 47.4645

Sweetspot

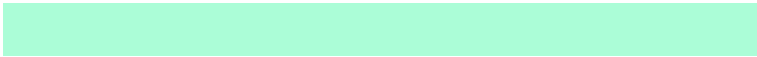
The Sweet Spot groups the original color and five complimentary colors.



57.3267, 61.3531, 101.7504



82.0722, 87.0591, 107.0862



64.1529, 83.8024, 76.9064



17.2025, 18.2662, 22.8690



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.



57.3267, 61.3531, 101.7504



52.7091, 56.3145, 102.6995



49.6905, 45.1877, 99.0327



17.6968, 18.7652, 22.9393



12.9732, 10.8561, 50.8463



1.3711, 1.2729, 4.9867

Inverse Universe

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



66.5812, 54.6138, 67.3564



63.6709, 49.1333, 61.7805



81.9972, 93.5653, 52.2682



18.3596, 18.1272, 20.5109



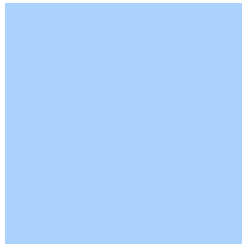
23.3365, 11.8239, 10.4224



2.3267, 1.1730, 1.3017

Previews

White Background



This preview shows how the XYZ color 57.3247, 61.3507, 101.7490 looks on a white background.

Color Contrast Check

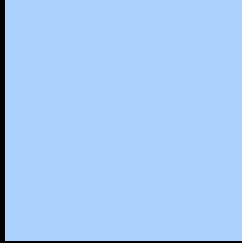
Large Text (above 18pt) WCAG AA × Fail

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 57.3247, 61.3507, 101.7490 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

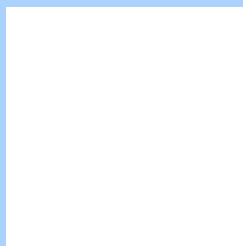
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.3247, 61.3507, 101.7490

Background



This preview shows how black text looks on a background with the XYZ color 57.3247, 61.3507, 101.7490.



This preview shows how white text looks on a background with the XYZ color 57.3247, 61.3507,

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

57.3247, 61.3507, 101.7490

Protanopia

60.9605, 61.1535, 98.2134

Deuteranopia

62.7561, 61.2726, 103.1269



Tritanopia

53.8031, 61.4087, 83.8802

Trichromacy



Original Color

57.3247, 61.3507, 101.7490

Protanomaly

59.3363, 61.0039, 99.0900

Deuteranomaly

60.4685, 61.1603, 102.3840

Tritanomaly

55.1245, 61.5848, 89.8706

Monochromacy



Original Color

57.3247, 61.3507, 101.7490

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.3683, 59.9595, 77.0090

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3247, 61.3507, 101.7490 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, 209, 253)` looks like.

```
.text, #text, p{  
    color:rgb(171, 209, 253)  
}
```

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, 209, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 209, 253) }
```

Border

The CSS property to change the border of an element to XYZ 57.3247, 61.3507, 101.7490 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, 209, 253) }
```


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

```
.border{ border-color:rgb(171, 209, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 209, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 209, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 209, 253);  
box-shadow:4px 4px 4px 4px rgb(171, 209,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3247, 61.3507, 101.7490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 209, 253) }
```

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

```
.background{ background-color: rgb(171,  
209, 253) }
```

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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