

Converting Colors

XYZ(61.5457, 63.2711,
102.2054)

Have a look what the booklet for
XYZ(61.5457, 63.2711, 102.2054)
contains.

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Color

**XYZ(61.5207, 63.1507,
101.8753)**

Conversions

Conversions Part 1	
Format	Color
Hex	BED0FD
RGB	190, 208, 253
RGB Percent	75%, 82%, 99%
CMY	0.2549, 0.1843, 0.0078
CMYK	0.25, 0.18, 0.00, 0.01
HSL	223°, 94%, 87%
HSV	223°, 25%, 99%
XYZ	61.5207, 63.1507, 101.8753
YIQ	207.7480, -25.1730, 10.1790

Conversions

Conversions Part 2

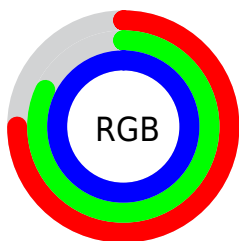
Format	Color
RYB	190, 204, 253
Decimal	12505341
CIELab	83.52, 3.54, -24.02
CIELCh	84, 24.284, 278.380
Yxy	63.1507, 0.2716, 0.2788
Android (android.graphics.Color)	4290695421 (0xFFBED0FD)
YUV	207.7480, 22.3092, -15.5650
Hunter-Lab	79.4674, -0.8800, -20.3812

Details

The XYZ color **61.5207, 63.1507, 101.8753** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.5115, 84.0176, 60.7433**, and the grayscale version is **59.6645, 62.7717, 68.3584**.

A 20% lighter version of the original color is **92.1678, 98.5142, 108.7651**, and **31.5111, 32.2476, 56.7882** is the 20% darker color. If you saturate the color by 10%, you get **51.5842, 51.8574, 100.2202**, and if you desaturate by 10%, it is **73.0601, 76.0185, 103.7519**.

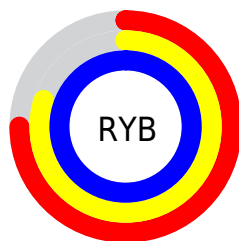
Distribution



Red (75%)

Green (82%)

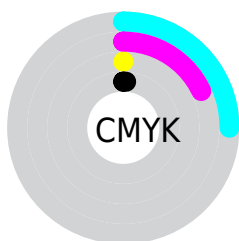
Blue (99%)



Red (75%)

Yellow (80%)

Blue (99%)

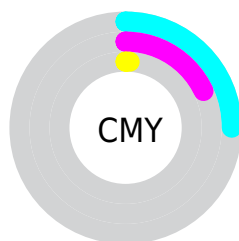


Cyan (25%)

Magenta (18%)

Yellow (0%)

Black (1%)



Cyan (25%)


Magenta (18%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.5207, 63.1507, 101.8753 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 61.5207, 63.1507, 101.8753 by changing the saturation by 10% instead.


 61.5207, 63.1507,
101.8753

 61.5207, 63.1507,
101.8753


419.9261,
436.1162, 587.4864

 44.8997, 45.9631,
77.2420


 106.1264,
109.3869, 165.8062

 31.5793, 32.2167,
56.9388


134.8417,
139.2043, 205.9409

 21.1944, 21.5271,
40.5471


168.3192,
174.0005, 252.0798

 13.3794, 13.5098,
27.6483


206.9241,
214.1598, 304.6414

 7.7691, 7.7805,
17.8240

251.0219,
260.0666, 364.0444

 3.9981, 3.9548,
10.6556


300.9780,


 1.7011, 1.6483,

312.1053, 430.7072

5.7245


357.1576,
370.6604, 505.0483


 0.4569, 0.3899,
2.6122


 0.0000, 0.0000,
0.8988


 61.5207, 63.1507,
101.8753


 61.5207, 63.1507,
101.8753

 51.5842, 51.8574,
100.2202


 73.0601, 76.0185,
103.7519

 43.1710, 42.0683,
98.7742

 86.2648, 90.5122,
105.8535

 36.2038, 33.7186,
97.5297

94.7298, 99.8719,
107.2140

 30.5956, 26.7357,
96.4775

■ 26.2492, 21.0398,
95.6071

■ 23.0535, 16.5415,
94.9073

■ 20.8747, 13.1373,
94.3651

■ 20.0661, 11.7645,
94.1427

Harmonies

Analogous

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



56.3448, 63.1507, 99.6278



61.5207, 63.1507, 101.8753



66.5769, 63.1507, 94.2788

Triad

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



61.5207, 63.1507, 101.8753



68.3737, 63.1507, 52.1807



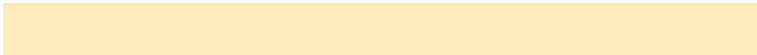
51.0363, 63.1507, 58.5549

Complementary

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



61.5207, 63.1507, 101.8753



79.5115, 84.0176, 60.7433

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.



53.9137, 63.1507, 48.3200



61.5207, 63.1507, 101.8753



63.8576, 63.1507, 45.0345

Square

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



61.5207, 63.1507, 101.8753



70.6831, 63.1507, 64.5930



58.5495, 63.1507, 43.7333



50.4923, 63.1507, 73.1033

Rectangle

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



61.5207, 63.1507, 101.8753



69.1284, 63.1507, 85.2302



58.5495, 63.1507, 43.7333



51.7542, 63.1507, 54.5620

Sweetspot

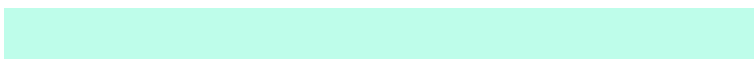
The Sweet Spot groups the original color and five complimentary colors.



61.5227, 63.1532, 101.8767



84.8519, 88.9038, 107.2957



71.2276, 87.1453, 90.9853



17.9822, 18.8327, 22.9373



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.



61.5227, 63.1532, 101.8767



57.2625, 58.2192, 102.8271



60.6645, 56.5610, 100.6495



17.4257, 18.2229, 22.8489



10.7810, 6.4716, 50.1155



1.1381, 0.8070, 4.9090

Inverse Universe

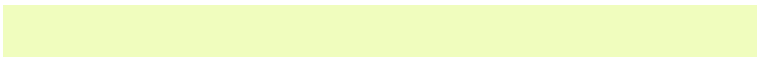
The Inverse Universe completely reimagines the original color for something new.



70.3083, 62.2654, 67.9899



67.7274, 57.4871, 62.3903



80.4920, 92.5648, 62.3414



18.2228, 18.0724, 19.7902



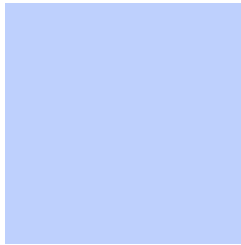
22.2300, 11.3813, 4.5954



2.2091, 1.1260, 0.6825

Previews

White Background



This preview shows how the XYZ color 61.5207, 63.1507, 101.8753 looks on a white background.

Color Contrast Check

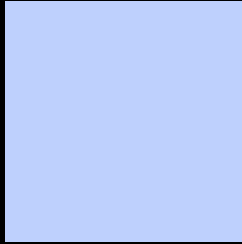
Large Text (above 18pt) WCAG AA × Fail

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 61.5207, 63.1507, 101.8753 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

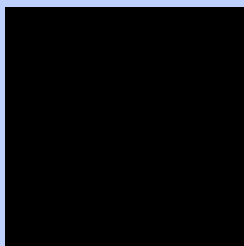
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.5207, 63.1507, 101.8753

Background



This preview shows how black text looks on a background with the XYZ color 61.5207, 63.1507, 101.8753.



This preview shows how white text looks on a background with the XYZ color 61.5207, 63.1507,

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

61.5207, 63.1507, 101.8753

Protanopia

62.9307, 63.1767, 100.9730

Deuteranopia

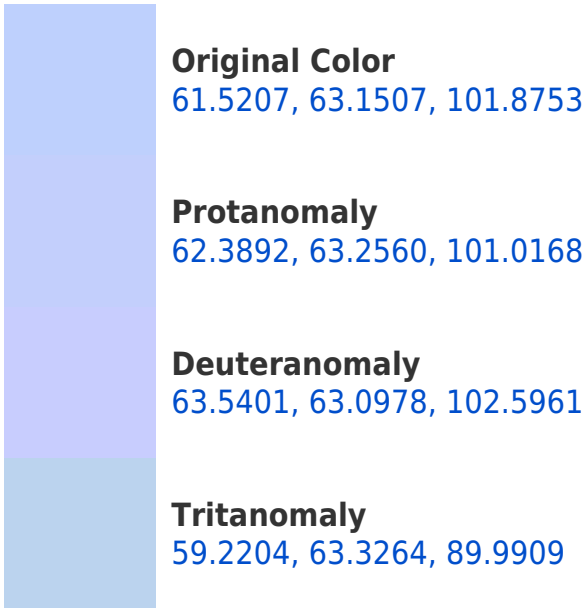
64.4222, 62.8468, 102.5012



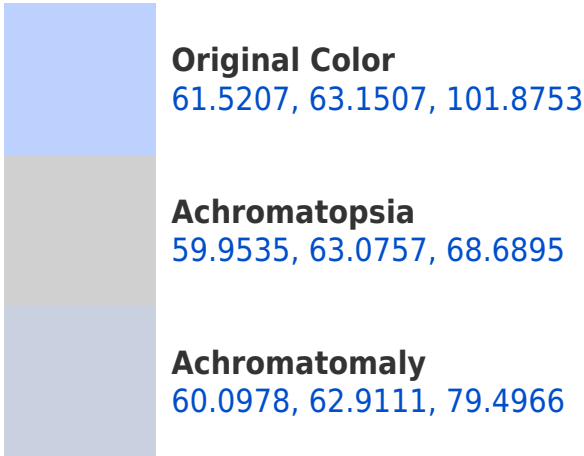
Tritanopia

57.6939, 63.0584, 83.2594

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.5207, 63.1507, 101.8753 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(190, 208, 253) looks like.

```
.text, #text, p{  
    color:rgb(190, 208, 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(190, 208, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 208, 253) }
```

Border

The CSS property to change the border of an element to XYZ 61.5207, 63.1507, 101.8753 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(190, 208, 253) }
```


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

```
.border{ border-color:rgb(190, 208, 253) }
```

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

Here you see how a box with a 4 pixel rgb(190, 208, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 208, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 208, 253);  
box-shadow:4px 4px 4px 4px rgb(190, 208,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 61.5207, 63.1507, 101.8753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 208, 253) }
```

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

```
.background{ background-color: rgb(190,  
208, 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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