

Converting Colors

XYZ(61.2854, 63.9617,
103.7235)

Have a look what the booklet for
XYZ(61.2854, 63.9617, 103.7235)
contains.

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Color

**XYZ(61.3518, 64.1228,
103.7511)**

Conversions

Conversions Part 1

Format	Color
Hex	B9D3FF
RGB	185, 211, 255
RGB Percent	73%, 83%, 100%
CMY	0.2745, 0.1725, 0.0000
CMYK	0.27, 0.17, 0.00, 0.00
HSL	218°, 100%, 86%
HSV	218°, 27%, 100%
XYZ	61.3518, 64.1228, 103.7511
YIQ	208.2420, -29.6200, 8.1720

Conversions

Conversions Part 2

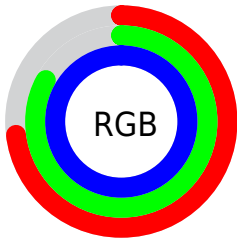
Format	Color
R _Y B	185, 204, 255
Decimal	12178431
CIE Lab	84.03, 0.95, -24.34
CIE LCh	84, 24.361, 272.242
Yxy	64.1228, 0.2676, 0.2797
Android (android.graphics.Color)	4290368511 (0xFFB9D3FF)
YUV	208.2420, 23.0517, -20.3832
Hunter-Lab	80.0767, -3.3742, -20.7652

Details

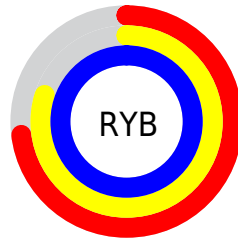
The XYZ color **61.3518, 64.1228, 103.7511** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **78.0163, 80.8009, 57.3849**, and the grayscale version is **59.9816, 63.1053, 68.7217**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **31.4559, 32.9370, 58.1256** is the 20% darker color. If you saturate the color by 10%, you get **51.9579, 53.6621, 102.2271**, and if you desaturate by 10%, it is **72.2496, 75.9512, 105.4598**.

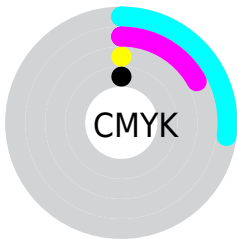
Distribution



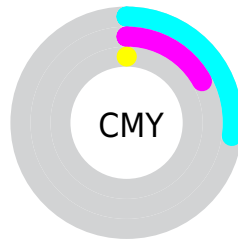
- Red (73%)
- Green (83%)
- Blue (100%)



- Red (73%)
- Yellow (80%)
- Blue (100%)



- Cyan (27%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.3518, 64.1228, 103.7511 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 61.3518, 64.1228, 103.7511 by changing the saturation by 10% instead.

■ 61.3518, 64.1228,
103.7511

■ 61.3518, 64.1228,
103.7511

419.3181,
439.6330, 593.5023

■ 44.7628, 46.7501,
78.8026

■ 105.8834,
110.7878, 168.3992

■ 31.4711, 32.8382,
58.2132

134.5566,
140.8489, 208.9360

■ 21.1114, 22.0025,
41.5642

167.9887,
175.9082, 255.5060

■ 13.3184, 13.8587,
28.4372

206.5449,
216.3503, 308.5276

■ 7.7267, 8.0225,
18.4136

250.5905,
262.5594, 368.4196

■ 3.9709, 4.1093,
11.0748

300.4910,

■ 1.6857, 1.7349,

314.9199, 435.6003

6.0024

356.6118,
373.8163, 510.4884

■ 0.4473, 0.4461,
2.7777

■ 0.0000, 0.0000,
0.9823

■ 61.3518, 64.1228,
103.7511

■ 61.3518, 64.1228,
103.7511

■ 51.9579, 53.6621,
102.2271

■ 72.2496, 75.9512,
105.4598

■ 43.9918, 44.5082,
100.8801

■ 84.7115, 89.1903,
107.3584

■ 37.3789, 36.6061,
99.7033

95.0500, 100.0000,
108.9000

■ 32.0347, 29.8934,
98.6893

■ 27.8644, 24.3012,
97.8297

■ 24.7580, 19.7516,
97.1153

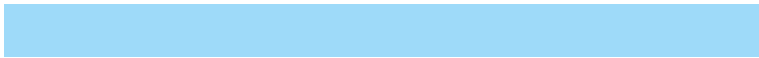
■ 22.5753, 16.1497,
96.5351

■ 22.1173, 15.3545,
96.4058

Harmonies

Analogous

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



56.2609, 64.1228, 99.4090



61.3518, 64.1228, 103.7511



66.6259, 64.1228, 97.9514

Triad

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



61.3518, 64.1228, 103.7511



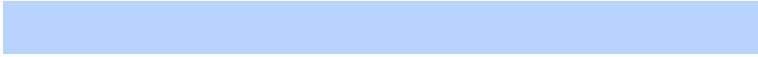
70.1086, 64.1228, 55.1944



52.2545, 64.1228, 56.9261

Complementary

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



61.3518, 64.1228, 103.7511



78.0163, 80.8009, 57.3849

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.



55.6000, 64.1228, 47.6655



61.3518, 64.1228, 103.7511



65.8859, 64.1228, 46.7738

Square

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



61.3518, 64.1228, 103.7511



71.8632, 64.1228, 68.6679



60.5436, 64.1228, 44.2319



51.1960, 64.1228, 70.9826

Rectangle

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



61.3518, 64.1228, 103.7511



69.4844, 64.1228, 89.5473



60.5436, 64.1228, 44.2319



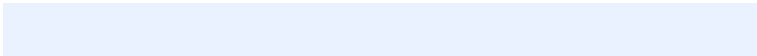
53.1388, 64.1228, 53.2242

Sweetspot

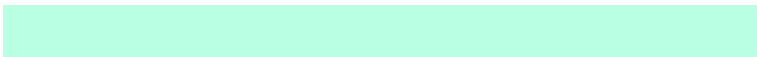
The Sweet Spot groups the original color and five complimentary colors.



61.3536, 64.1253, 103.7515



83.9841, 88.4243, 107.2489



69.7952, 87.4454, 86.7211



17.5557, 18.4830, 22.8922



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.



61.3536, 64.1253, 103.7515



55.9579, 58.1531, 102.8831



57.4351, 53.2789, 101.8644



17.5557, 18.4830, 22.8922



11.6874, 8.2844, 50.4176



1.2384, 1.0075, 4.9425

Inverse Universe

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



70.3480, 60.6626, 69.6321



66.4481, 54.5986, 62.9808



82.8164, 94.7668, 59.8276



18.2884, 18.0987, 20.1357



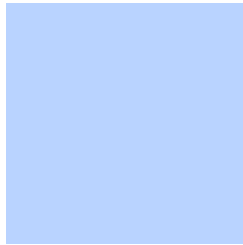
22.6875, 11.5643, 7.0046



2.2597, 1.1463, 0.9490

Previews

White Background



This preview shows how the XYZ color 61.3518, 64.1228, 103.7511 looks on a white background.

Color Contrast Check

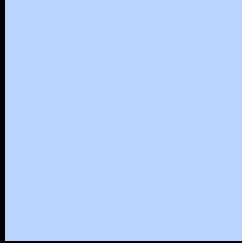
Large Text (above 18pt) WCAG AA × Fail

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 61.3518, 64.1228, 103.7511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

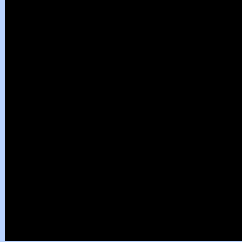
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

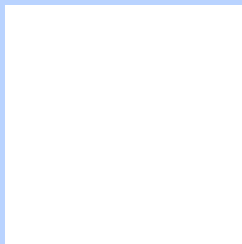
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.3518, 64.1228, 103.7511

Background



This preview shows how black text looks on a background with the XYZ color 61.3518, 64.1228, 103.7511.



This preview shows how white text looks on a background with the XYZ color 61.3518, 64.1228,

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

61.3518, 64.1228, 103.7511

Protanopia

63.4367, 63.7960, 101.0659

Deuteranopia

65.3349, 64.0045, 103.5183



Tritanopia

57.6883, 64.1304, 85.6818

Trichromacy



Original Color

61.3518, 64.1228, 103.7511

Protanomaly

62.5336, 63.6729, 101.9227

Deuteranomaly

63.6515, 63.8514, 103.5775

Tritanomaly

59.0661, 64.3295, 91.7418

Monochromacy



Original Color

61.3518, 64.1228, 103.7511

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

60.2105, 63.3165, 80.2820

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3518, 64.1228, 103.7511 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(185, 211, 255)` looks like.

```
.text, #text, p{  
    color:rgb(185, 211, 255)  
}
```

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(185, 211, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 211, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.3518, 64.1228, 103.7511 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(185, 211, 255) }
```


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

```
.border{ border-color:rgb(185, 211, 255) }
```

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

Here you see how a box with a 4 pixel rgb(185, 211, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 211, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 211, 255);  
box-shadow:4px 4px 4px 4px rgb(185, 211,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3518, 64.1228, 103.7511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 211, 255) }
```

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

```
.background{ background-color: rgb(185,  
211, 255) }
```

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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