

Converting Colors

XYZ(72.4760, 70.3250,
163.7568)

Have a look what the booklet for
XYZ(72.4760, 70.3250, 163.7568)
contains.

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Color

**XYZ(61.1963, 65.9154,
104.1053)**

Conversions

Conversions Part 1

Format	Color
Hex	B3D8FF
RGB	179, 216, 255
RGB Percent	70%, 85%, 100%
CMY	0.2980, 0.1529, 0.0000
CMYK	0.30, 0.15, 0.00, 0.00
HSL	211°, 100%, 85%
HSV	211°, 30%, 100%
XYZ	61.1963, 65.9154, 104.1053
YIQ	209.3830, -34.5710, 4.2850

Conversions

Conversions Part 2

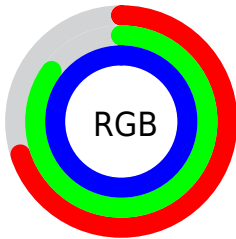
Format	Color
R_{YB}	179, 204, 255
Decimal	11786495
CIE _{Lab}	84.95, -3.39, -22.97
CIE _{LCh}	85, 23.223, 261.598
Yxy	65.9154, 0.2647, 0.2851
Android (android.graphics.Color)	4289976575 (0xFFB3D8FF)
YUV	209.3830, 22.4892, -26.6459
Hunter-Lab	81.1883, -7.5338, -19.1940

Details

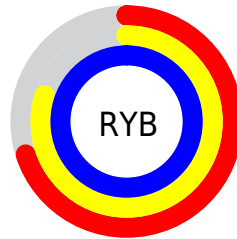
The XYZ color **61.1963, 65.9154, 104.1053** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **74.4484, 74.6575, 53.1363**, and the grayscale version is **60.7298, 63.8925, 69.5789**.

A 20% lighter version of the original color is **88.4021, 96.5729, 108.5889**, and **31.2501, 33.8520, 58.3131** is the 20% darker color. If you saturate the color by 10%, you get **52.6190, 56.7151, 102.7815**, and if you desaturate by 10%, it is **71.1340, 76.2165, 105.5698**.

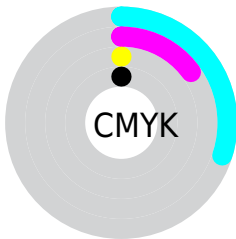
Distribution



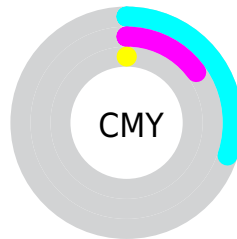
- Red (70%)
- Green (85%)
- Blue (100%)



- Red (70%)
- Yellow (80%)
- Blue (100%)



- Cyan (30%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.1963, 65.9154, 104.1053 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 61.1963, 65.9154, 104.1053 by changing the saturation by 10% instead.

■ 61.1963, 65.9154,
104.1053

■ 61.1963, 65.9154,
104.1053

418.7578,
446.0743, 594.6347

■ 44.6367, 48.2037,
79.0975

■ 105.6596,
113.3649, 168.8884

■ 31.3715, 33.9883,
58.4542

134.2941,
143.8715, 209.5007

■ 21.0351, 22.8846,
41.7568

167.6843,
179.4119, 256.1517

■ 13.2623, 14.5083,
28.5868

206.1955,
220.3705, 309.2598

■ 7.6876, 8.4750,
18.5255

250.1931,
267.1316, 369.2437

■ 3.9458, 4.4004,
11.1546

300.0424,

■ 1.6715, 1.9000,

320.0797, 436.5217

6.0555

356.1089,
379.5991, 511.5126

■ 0.4384, 0.5484,
2.8095

■ 0.0000, 0.0000,
0.9982

■ 61.1963, 65.9154,
104.1053

■ 61.1963, 65.9154,
104.1053

■ 52.6190, 56.7151,
102.7815

■ 71.1340, 76.2165,
105.5698

■ 45.3302, 48.5647,
101.5925

■ 82.4882, 87.6513,
107.1785

■ 39.2595, 41.4197,
100.5333

95.0500, 100.0000,
108.9000

■ 34.3264, 35.2290,
99.5984

■ 30.4399, 29.9352,
98.7815

■ 27.4923, 25.4720,
98.0753

■ 25.3155, 21.7416,
97.4700

■ 25.2767, 21.6733,
97.4589

Harmonies

Analogous

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



56.6241, 65.9154, 96.7190



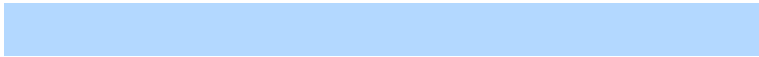
61.1963, 65.9154, 104.1053



66.4158, 65.9154, 101.9313

Triad

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



61.1963, 65.9154, 104.1053



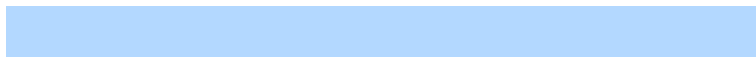
72.4475, 65.9154, 61.7074



55.1141, 65.9154, 55.3641

Complementary

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



61.1963, 65.9154, 104.1053



74.4484, 74.6575, 53.1363

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.



59.0305, 65.9154, 48.2370



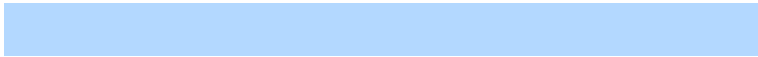
61.1963, 65.9154, 104.1053



69.0903, 65.9154, 51.5300

Square

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



61.1963, 65.9154, 104.1053



73.1067, 65.9154, 76.0507



64.1278, 65.9154, 46.9379



53.2423, 65.9154, 67.6543

Rectangle

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



61.1963, 65.9154, 104.1053



69.5486, 65.9154, 95.4682



64.1278, 65.9154, 46.9379



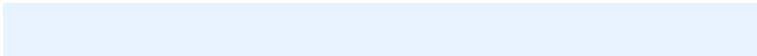
56.2245, 65.9154, 52.3600

Sweetspot

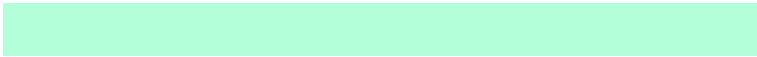
The Sweet Spot groups the original color and five complimentary colors.



61.1982, 65.9179, 104.1057



83.4625, 88.6193, 107.3140



66.8759, 86.1140, 78.7438



17.4878, 18.5937, 22.9172



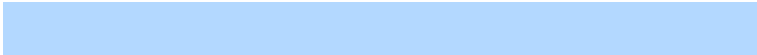
0.0000, 0.0000, 0.0000



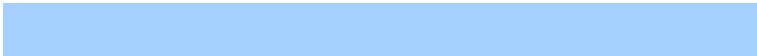
20.3446, 21.4041, 23.3091

Same Dimension

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



61.1982, 65.9179, 104.1057



55.7254, 60.0880, 103.2688



52.7621, 49.0458, 101.2937



17.7331, 18.8377, 22.9514



13.3559, 11.6213, 50.9738



1.4093, 1.3493, 4.9994

Inverse Universe

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



69.7560, 58.4598, 72.5758



65.7449, 52.0743, 66.1928



85.1371, 96.0348, 56.6992



18.3779, 18.1345, 20.6072



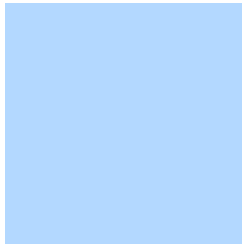
23.5296, 11.9011, 11.4394



2.3460, 1.1808, 1.4032

Previews

White Background



This preview shows how the XYZ color 61.1963, 65.9154, 104.1053 looks on a white background.

Color Contrast Check

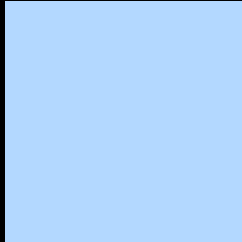
Large Text (above 18pt) WCAG AA × Fail

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 61.1963, 65.9154, 104.1053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

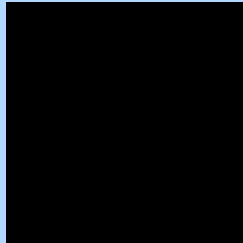
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

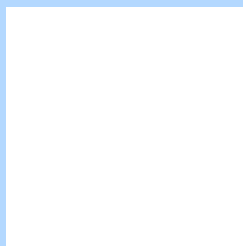
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.1963, 65.9154, 104.1053

Background



This preview shows how black text looks on a background with the XYZ color 61.1963, 65.9154, 104.1053.



This preview shows how white text looks on a background with the XYZ color 61.1963, 65.9154,

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

61.1963, 65.9154, 104.1053

Protanopia

65.0878, 65.7547, 100.5282

Deuteranopia

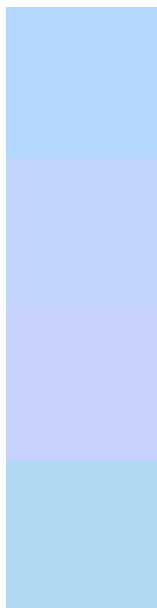
66.9412, 65.5473, 103.7315



Tritanopia

58.2968, 65.8914, 89.7665

Trichromacy



Original Color

61.1963, 65.9154, 104.1053

Protanomaly

63.3623, 65.5846, 101.4150

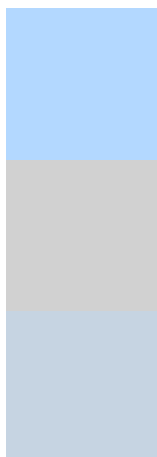
Deuteranomaly

64.6498, 65.4553, 103.8345

Tritanomaly

59.3050, 65.9046, 95.1831

Monochromacy



Original Color

61.1963, 65.9154, 104.1053

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.5597, 64.5837, 81.2256

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1963, 65.9154, 104.1053 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(179, 216, 255)` looks like.

```
.text, #text, p{  
    color:rgb(179, 216, 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(179, 216, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 216, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.1963, 65.9154, 104.1053 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(179, 216, 255) }
```


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

```
.border{ border-color:rgb(179, 216, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 216, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 216, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 216, 255); box-shadow:4px 4px 4px 4px rgb(179, 216, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1963, 65.9154, 104.1053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 216, 255) }
```

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

```
.background{ background-color: rgb(179,  
216, 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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