

Converting Colors

XYZ(61.2030, 66.9611,
104.3068)

Have a look what the booklet for
XYZ(61.2030, 66.9611, 104.3068)
contains.

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Color

**XYZ(61.2860, 67.1131,
104.3318)**

Conversions

Conversions Part 1

Format	Color
Hex	B0DBFF
RGB	176, 219, 255
RGB Percent	69%, 86%, 100%
CMY	0.3098, 0.1412, 0.0000
CMYK	0.31, 0.14, 0.00, 0.00
HSL	207°, 100%, 85%
HSV	207°, 31%, 100%
XYZ	61.2860, 67.1131, 104.3318
YIQ	210.2470, -37.1840, 2.0800

Conversions

Conversions Part 2

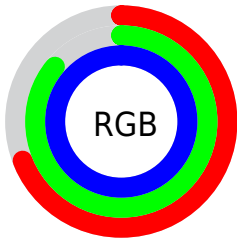
Format	Color
R _Y B	176, 204, 255
Decimal	11590655
CIE Lab	85.56, -5.80, -22.07
CIE LCh	86, 22.818, 255.269
Yxy	67.1131, 0.2633, 0.2884
Android (android.graphics.Color)	4289780735 (0xFFB0DBFF)
YUV	210.2470, 22.0632, -30.0346
Hunter-Lab	81.9226, -9.8293, -18.1625

Details

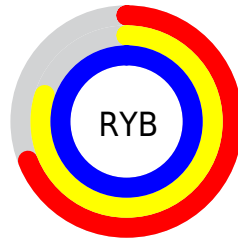
The XYZ color **61.2860, 67.1131, 104.3318** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **72.6202, 71.4815, 51.0460**, and the grayscale version is **61.2994, 64.4918, 70.2316**.

A 20% lighter version of the original color is **87.4143, 96.0636, 108.5427**, and **31.3537, 34.6931, 58.4700** is the 20% darker color. If you saturate the color by 10%, you get **53.1267, 58.5641, 103.1117**, and if you desaturate by 10%, it is **70.7436, 76.6487, 105.6738**.

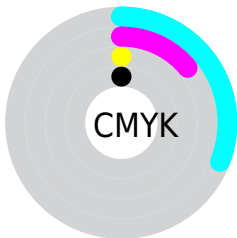
Distribution



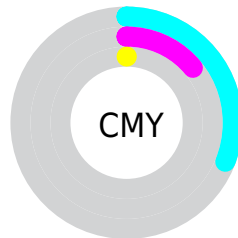
- Red (69%)
- Green (86%)
- Blue (100%)



- Red (69%)
- Yellow (80%)
- Blue (100%)



- Cyan (31%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.2860, 67.1131, 104.3318 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 61.2860, 67.1131, 104.3318 by changing the saturation by 10% instead.

61.2860, 67.1131,
104.3318

61.2860, 67.1131,
104.3318

419.0810,
450.3472, 595.3582

44.7094, 49.1765,
79.2861

105.7887,
115.0825, 169.2010

31.4289, 34.7595,
58.6084

134.4456,
145.8840, 209.8617

21.0791, 23.4777,
41.8800

167.8599,
181.7428, 256.5644

13.2946, 14.9466,
28.6825

206.3970,
223.0430, 309.7278

7.7101, 8.7819,
18.5972

250.4224,
270.1692, 369.7703

3.9603, 4.5992,
11.2058

300.3012,

1.6797, 2.0141,

323.5057, 437.1105

6.0895

356.3990,
383.4369, 512.1670

■ 0.4435, 0.6156,
2.8299

■ 0.0000, 0.0000,
1.0085

■ 61.2860, 67.1131,
104.3318

■ 61.2860, 67.1131,
104.3318

■ 53.1267, 58.5641,
103.1117

■ 70.7436, 76.6487,
105.6738

■ 46.1949, 50.9542,
102.0082

■ 81.5542, 87.2005,
107.1408

■ 40.4215, 44.2426,
101.0170

■ 93.7757, 98.8059,
108.7367

■ 35.7272, 38.3817,
100.1331

■ 95.0500, 100.0000,
108.9000

■ 32.0214, 33.3178,
99.3510

■ 29.1964, 28.9881,
98.6642

■ 27.2544, 25.6289,
98.1181

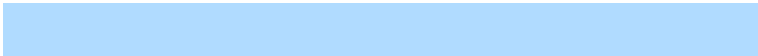
Harmonies

Analogous

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



57.0232, 67.1131, 95.3067



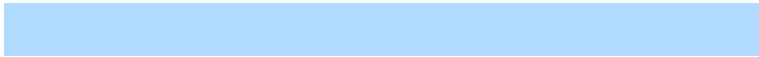
61.2860, 67.1131, 104.3318



66.4522, 67.1131, 104.2438

Triad

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



61.2860, 67.1131, 104.3318



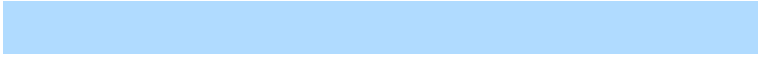
73.9039, 67.1131, 65.8066



56.9617, 67.1131, 54.7569

Complementary

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



61.2860, 67.1131, 104.3318



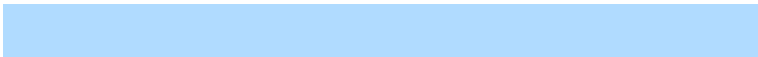
72.6202, 71.4815, 51.0460

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.



61.1979, 67.1131, 48.8348



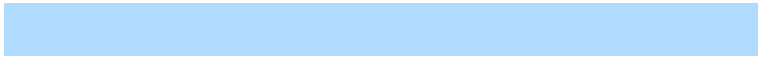
61.2860, 67.1131, 104.3318



71.0699, 67.1131, 54.6006

Square

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



61.2860, 67.1131, 104.3318



73.9306, 67.1131, 80.5824



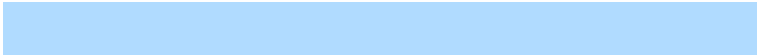
66.3592, 67.1131, 48.7818



54.6200, 67.1131, 66.0486

Rectangle

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



61.2860, 67.1131, 104.3318



69.7238, 67.1131, 98.9684



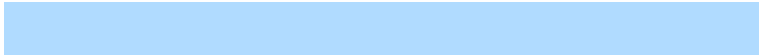
66.3592, 67.1131, 48.7818



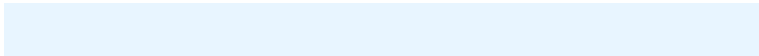
58.2009, 67.1131, 52.1442

Sweetspot

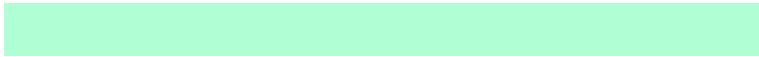
The Sweet Spot groups the original color and five complimentary colors.



61.2879, 67.1157, 104.3321



83.8591, 89.4125, 107.4462



65.4925, 85.4814, 75.0392



17.5854, 18.7890, 22.9497



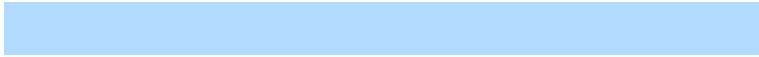
0.0000, 0.0000, 0.0000



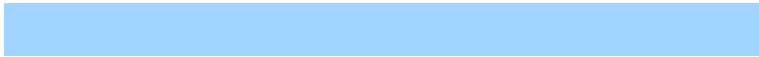
20.3446, 21.4041, 23.3091

Same Dimension

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



61.2879, 67.1157, 104.3321



56.2230, 61.8517, 103.5830



52.2672, 49.0742, 101.3252



17.8224, 19.0164, 22.9811



14.3923, 13.6942, 51.3193



1.5106, 1.5519, 5.0332

Inverse Universe

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



69.5527, 57.4268, 74.4393



65.8085, 51.3814, 68.7417



83.5897, 93.4204, 54.7024



18.4230, 18.1525, 20.8447



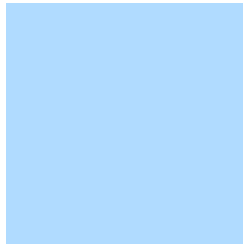
24.0528, 12.1104, 14.1942



2.3971, 1.2012, 1.6725

Previews

White Background



This preview shows how the XYZ color 61.2860, 67.1131, 104.3318 looks on a white background.

Color Contrast Check

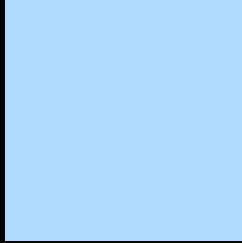
Large Text (above 18pt) WCAG AA × Fail

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 61.2860, 67.1131, 104.3318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

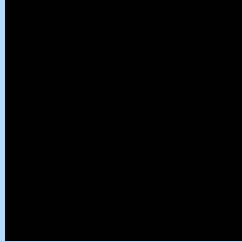
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

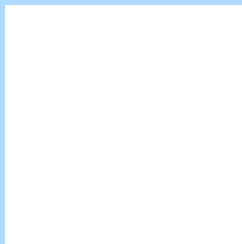
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.2860, 67.1131, 104.3318

Background



This preview shows how black text looks on a background with the XYZ color 61.2860, 67.1131, 104.3318.

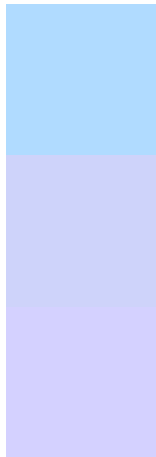


This preview shows how white text looks on a background with the XYZ color 61.2860, 67.1131,

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

61.2860, 67.1131, 104.3318

Protanopia

66.0032, 66.6125, 99.8212

Deuteranopia

68.0018, 66.8180, 103.9208



Tritanopia

58.7145, 67.2452, 91.5464

Trichromacy



Original Color

61.2860, 67.1131, 104.3318

Protanomaly

64.1229, 66.7235, 101.5947

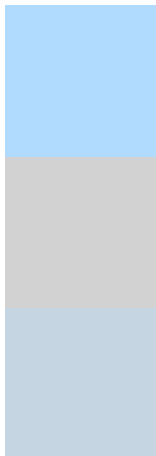
Deuteranomaly

65.3974, 66.9506, 104.0837

Tritanomaly

59.5715, 67.1897, 96.2154

Monochromacy



Original Color

61.2860, 67.1131, 104.3318

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.8104, 65.0853, 81.3092

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2860, 67.1131, 104.3318 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(176, 219, 255)` looks like.

```
.text, #text, p{  
    color:rgb(176, 219, 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(176, 219, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 219, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.2860, 67.1131, 104.3318 is called "border". The border property can be set on classes, ids or directly on the HTML element.

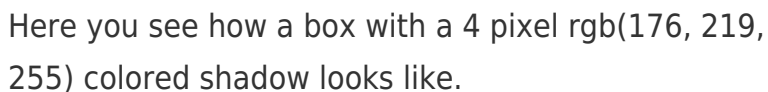
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 219, 255) }
```


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

```
.border{ border-color:rgb(176, 219, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 219, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 219, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 219, 255); box-shadow:4px 4px 4px 4px rgb(176, 219, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2860, 67.1131, 104.3318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 219, 255) }
```

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

```
.background{ background-color: rgb(176,  
219, 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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