

Converting Colors

XYZ(67.9915, 69.6523,
137.9746)

Have a look what the booklet for
XYZ(67.9915, 69.6523, 137.9746)
contains.

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Color

**XYZ(61.7416, 67.3480,
104.3531)**

Conversions

Conversions Part 1

Format	Color
Hex	B2DBFF
RGB	178, 219, 255
RGB Percent	70%, 86%, 100%
CMY	0.3019, 0.1412, 0.0000
CMYK	0.30, 0.14, 0.00, 0.00
HSL	208°, 100%, 85%
HSV	208°, 30%, 100%
XYZ	61.7416, 67.3480, 104.3531
YIQ	210.8450, -35.9920, 2.5040

Conversions

Conversions Part 2

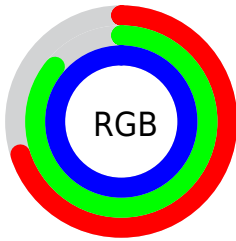
Format	Color
R _Y B	178, 205, 255
Decimal	11721727
CIE Lab	85.68, -5.24, -21.88
CIE LCh	86, 22.498, 256.519
Yxy	67.3480, 0.2645, 0.2885
Android (android.graphics.Color)	4289911807 (0xFFB2DBFF)
YUV	210.8450, 21.7684, -28.8051
Hunter-Lab	82.0658, -9.3221, -17.9458

Details

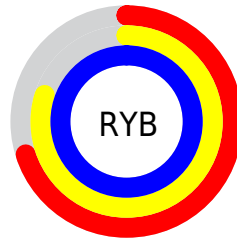
The XYZ color **61.7416, 67.3480, 104.3531** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **73.3226, 72.5673, 52.2637**, and the grayscale version is **61.6941, 64.9070, 70.6837**.

A 20% lighter version of the original color is **88.0709, 96.4022, 108.5734**, and **31.6369, 34.8391, 58.4833** is the 20% darker color. If you saturate the color by 10%, you get **53.4262, 58.6099, 103.1047**, and if you desaturate by 10%, it is **71.3710, 77.0974, 105.7274**.

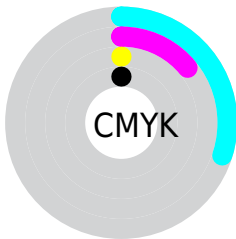
Distribution



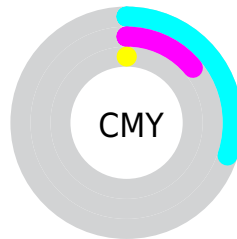
- Red (70%)
- Green (86%)
- Blue (100%)



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



- Cyan (30%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.7416, 67.3480, 104.3531 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 61.7416, 67.3480, 104.3531 by changing the saturation by 10% instead.

■ 61.7416, 67.3480,
104.3531

■ 61.7416, 67.3480,
104.3531

420.7205,
451.1825, 595.4262

■ 45.0787, 49.3675,
79.3039

■ 106.4440,
115.4189, 169.2304

■ 31.7210, 34.9111,
58.6229

135.2143,
146.2781, 209.8956

■ 21.3030, 23.5944,
41.8916

168.7511,
182.1990, 256.6032

■ 13.4594, 15.0330,
28.6915

207.4198,
223.5660, 309.7718

■ 7.8248, 8.8426,
18.6040

251.5858,
270.7634, 369.8198

■ 4.0339, 4.6386,
11.2106

301.6143,

■ 1.7213, 2.0368,

324.1757, 437.1659

6.0927

357.8707,
384.1873, 512.2285

■ 0.4696, 0.6287,
2.8318

■ 0.0000, 0.0000,
1.0094

■ 61.7416, 67.3480,
104.3531

■ 61.7416, 67.3480,
104.3531

■ 53.4262, 58.6099,
103.1047

■ 71.3710, 77.0974,
105.7274

■ 46.3543, 50.8350,
101.9767

■ 82.3689, 87.8880,
107.2305

■ 40.4565, 43.9821,
100.9648

94.7935, 99.7579,
108.8668

■ 35.6540, 38.0032,
100.0639

95.0500, 100.0000,
108.9000

■ 31.8570, 32.8443,
99.2683

■ 28.9590, 28.4427,
98.5714

■ 26.8243, 24.7686,
97.9748

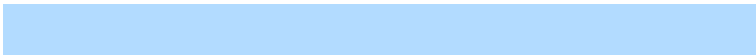
Harmonies

Analogous

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



57.4658, 67.3480, 95.7823



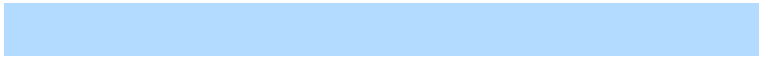
61.7416, 67.3480, 104.3531



66.8563, 67.3480, 103.8637

Triad

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



61.7416, 67.3480, 104.3531



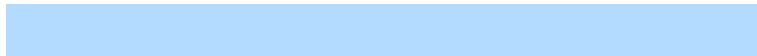
73.9358, 67.3480, 65.5926



57.1226, 67.3480, 55.5689

Complementary

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



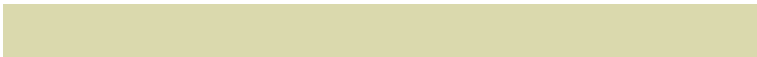
61.7416, 67.3480, 104.3531



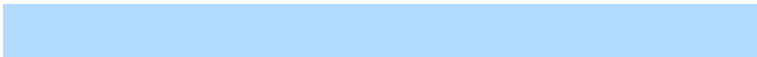
73.3226, 72.5673, 52.2637

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.



61.2501, 67.3480, 49.4575



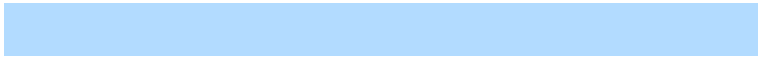
61.7416, 67.3480, 104.3531



71.0379, 67.3480, 54.6937

Square

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



61.7416, 67.3480, 104.3531



74.0849, 67.3480, 80.1108



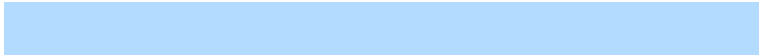
66.3379, 67.3480, 49.1602



54.8967, 67.3480, 66.9440

Rectangle

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



61.7416, 67.3480, 104.3531



70.0595, 67.3480, 98.4397



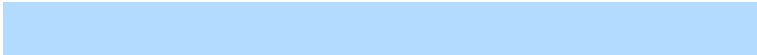
66.3379, 67.3480, 49.1602



58.3234, 67.3480, 52.9014

Sweetspot

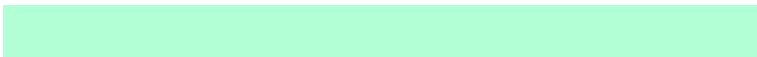
The Sweet Spot groups the original color and five complimentary colors.



61.7435, 67.3506, 104.3535



83.7772, 89.2487, 107.4189



66.2502, 85.8371, 76.6514



17.5653, 18.7486, 22.9430



0.0000, 0.0000, 0.0000



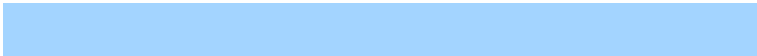
20.3446, 21.4041, 23.3091

Same Dimension

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



61.7435, 67.3506, 104.3535



56.7596, 62.1564, 103.6136



52.8475, 49.5585, 101.3881



17.8039, 18.9795, 22.9750



14.1672, 13.2441, 51.2443



1.4888, 1.5083, 5.0259

Inverse Universe

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



69.9478, 58.2168, 74.5710



66.2669, 52.2832, 68.9416



84.2229, 94.3679, 55.8971



18.4137, 18.1488, 20.7956



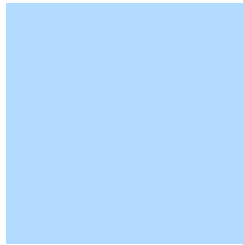
23.9392, 12.0650, 13.5960



2.3861, 1.1968, 1.6146

Previews

White Background



This preview shows how the XYZ color 61.7416, 67.3480, 104.3531 looks on a white background.

Color Contrast Check

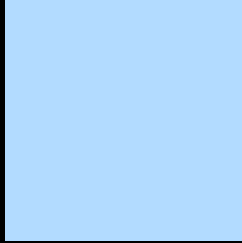
Large Text (above 18pt) WCAG AA × Fail

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 61.7416, 67.3480, 104.3531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

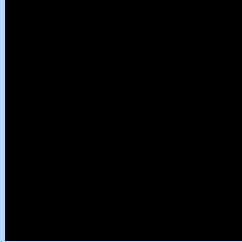
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

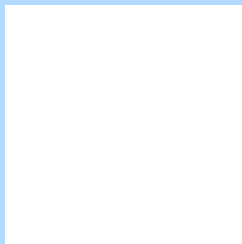
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.7416, 67.3480, 104.3531

Background



This preview shows how black text looks on a background with the XYZ color 61.7416, 67.3480, 104.3531.



This preview shows how white text looks on a background with the XYZ color 61.7416, 67.3480,

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

61.7416, 67.3480, 104.3531

Protanopia

66.2524, 67.1109, 99.9043

Deuteranopia

68.2910, 66.9671, 103.9344



Tritanopia

59.3805, 67.5885, 91.5776

Trichromacy



Original Color

61.7416, 67.3480, 104.3531

Protanomaly

64.6361, 67.3649, 101.6915

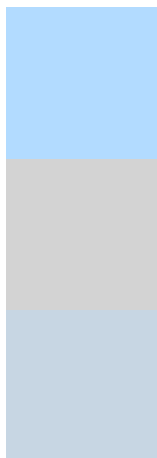
Deuteranomaly

65.6637, 67.0879, 104.0961

Tritanomaly

60.2424, 67.5356, 96.2468

Monochromacy



Original Color

61.7416, 67.3480, 104.3531

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.4649, 65.7813, 82.1306

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7416, 67.3480, 104.3531 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(178, 219, 255)` looks like.

```
.text, #text, p{  
    color:rgb(178, 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(178, 219, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 219, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.7416, 67.3480, 104.3531 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(178, 219, 255) }
```


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

```
.border{ border-color:rgb(178, 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(178, 219, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 219, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 219, 255);  
box-shadow:4px 4px 4px 4px rgb(178, 219,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7416, 67.3480, 104.3531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 219, 255) }
```

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

```
.background{ background-color: rgb(178,  
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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