

Converting Colors

XYZ(61.7747, 67.7535,
104.4296)

Have a look what the booklet for
XYZ(61.7747, 67.7535, 104.4296)
contains.

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Color

**XYZ(61.7747, 67.7535,
104.4296)**

Conversions

Conversions Part 1

Format	Color
Hex	B1DCFF
RGB	177, 220, 255
RGB Percent	69%, 86%, 100%
CMY	0.3059, 0.1372, 0.0000
CMYK	0.31, 0.14, 0.00, 0.00
HSL	207°, 100%, 85%
HSV	207°, 31%, 100%
XYZ	61.7747, 67.7535, 104.4296
YIQ	211.1330, -36.8630, 1.7690

Conversions

Conversions Part 2

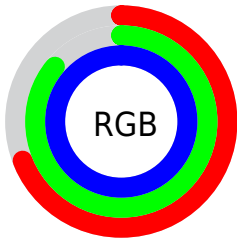
Format	Color
RYB	177, 205, 255
Decimal	11656447
CIELab	85.88, -6.05, -21.57
CIELCh	86, 22.406, 254.347
Yxy	67.7535, 0.2640, 0.2896
Android (android.graphics.Color)	4289846527 (0xFFB1DCFF)
YUV	211.1330, 21.6264, -29.9346
Hunter-Lab	82.3125, -10.0845, -17.6023

Details

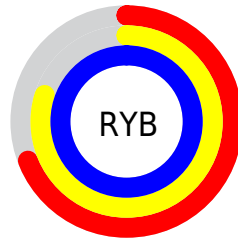
The XYZ color **61.7747, 67.7535, 104.4296** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **72.7196, 71.5213, 51.5692**, and the grayscale version is **61.8854, 65.1083, 70.9029**.

A 20% lighter version of the original color is **87.7417, 96.2324, 108.5580**, and **31.6742, 35.1251, 58.5365** is the 20% darker color. If you saturate the color by 10%, you get **53.5995, 59.2342, 103.2161**, and if you desaturate by 10%, it is **71.2445, 77.2485, 105.7632**.

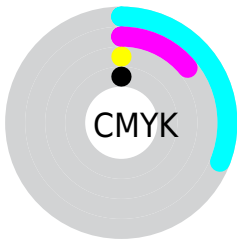
Distribution



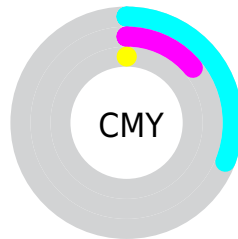
- Red (69%)
- Green (86%)
- Blue (100%)



- 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 61.7747, 67.7535, 104.4296 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 61.7747, 67.7535, 104.4296 by changing the saturation by 10% instead.

61.7747, 67.7535,
104.4296

61.7747, 67.7535,
104.4296

420.8395,
452.6222, 595.6705

45.1056, 49.6972,
79.3676

106.4916,
115.9994, 169.3360

31.7422, 35.1729,
58.6750

135.2701,
146.9579, 210.0175

21.3193, 23.7961,
41.9332

168.8158,
182.9858, 256.7426

13.4714, 15.1824,
28.7238

207.4941,
224.4677, 309.9298

7.8332, 8.9475,
18.6282

251.6702,
271.7879, 369.9976

4.0393, 4.7070,
11.2279

301.7096,

1.7244, 2.0764,

325.3308, 437.3647

6.1042

357.9775,
385.4807, 512.4494

■ 0.4715, 0.6513,
2.8387

■ 0.0000, 0.0000,
1.0129

■ 61.7747, 67.7535,
104.4296

■ 61.7747, 67.7535,
104.4296

■ 53.5995, 59.2342,
103.2161

■ 71.2445, 77.2485,
105.7632

■ 46.6485, 51.6434,
102.1173

■ 82.0629, 87.7483,
107.2197

■ 40.8529, 44.9410,
101.1291

■ 94.2879, 99.2897,
108.8031

■ 36.1340, 39.0801,
100.2465

■ 95.0500, 100.0000,
108.9000

■ 32.4021, 34.0077,
99.4641

■ 29.5506, 29.6619,
98.7756

■ 27.5137, 26.1475,
98.2046

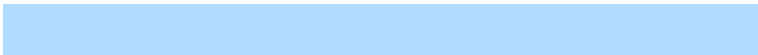
Harmonies

Analogous

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



57.6030, 67.7535, 95.3161



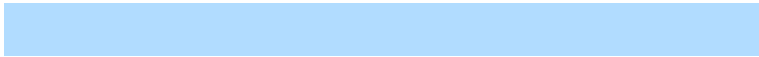
61.7747, 67.7535, 104.4296



66.8712, 67.7535, 104.6396

Triad

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



61.7747, 67.7535, 104.4296



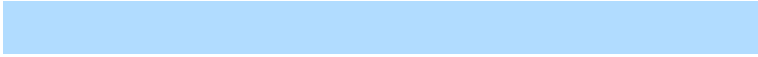
74.4269, 67.7535, 66.9956



57.7505, 67.7535, 55.3703

Complementary

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



61.7747, 67.7535, 104.4296



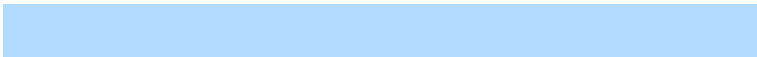
72.7196, 71.5213, 51.5692

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.



61.9859, 67.7535, 49.6637



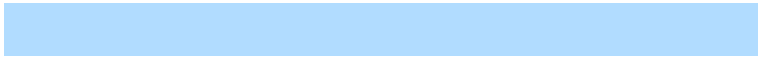
61.7747, 67.7535, 104.4296



71.7067, 67.7535, 55.7467

Square

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



61.7747, 67.7535, 104.4296



74.3629, 67.7535, 81.6535



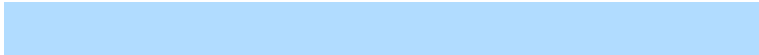
67.0939, 67.7535, 49.7916



55.3650, 67.7535, 66.4148

Rectangle

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



61.7747, 67.7535, 104.4296



70.1206, 67.7535, 99.6196



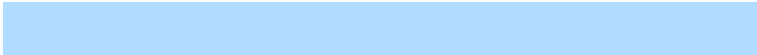
67.0939, 67.7535, 49.7916



58.9949, 67.7535, 52.8334

Sweetspot

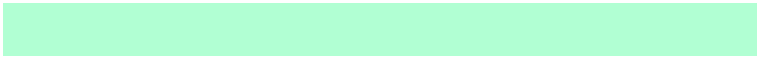
The Sweet Spot groups the original color and five complimentary colors.



61.7766, 67.7561, 104.4300



83.9075, 89.5092, 107.4623



65.6254, 85.5608, 74.5541



17.5973, 18.8128, 22.9537



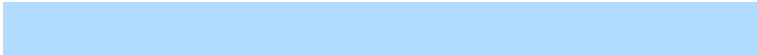
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



61.7766, 67.7561, 104.4300



56.3879, 62.1816, 103.6380



52.9520, 50.1069, 101.4885



17.8333, 19.0382, 22.9848



14.5279, 13.9653, 51.3645



1.5237, 1.5780, 5.0376

Inverse Universe

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



69.8817, 57.8733, 75.2005



65.8917, 51.4147, 69.1801



83.2998, 92.6816, 55.0959



18.4285, 18.1547, 20.8736



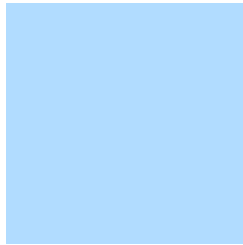
24.1212, 12.1378, 14.5546



2.4037, 1.2038, 1.7072

Previews

White Background



This preview shows how the XYZ color 61.7747, 67.7535, 104.4296 looks on a white background.

Color Contrast Check

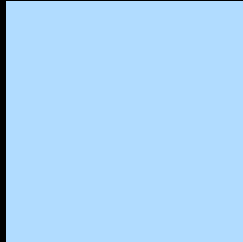
Large Text (above 18pt) WCAG AA × Fail

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 61.7747, 67.7535, 104.4296 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

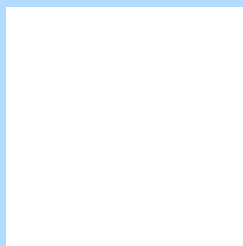
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.7747, 67.7535, 104.4296

Background



This preview shows how black text looks on a background with the XYZ color 61.7747, 67.7535, 104.4296.



This preview shows how white text looks on a background with the XYZ color 61.7747, 67.7535,

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

61.7747, 67.7535, 104.4296

Protanopia

66.5309, 67.2545, 99.9173

Deuteranopia

68.8281, 67.6093, 104.0300



Tritanopia

59.3050, 67.5325, 92.3474

Trichromacy



Original Color

61.7747, 67.7535, 104.4296

Protanomaly

64.6361, 67.3649, 101.6915

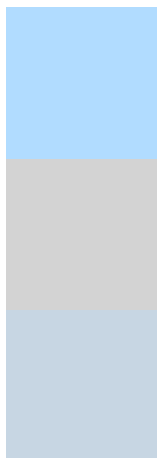
Deuteranomaly

66.1840, 67.7306, 104.1928

Tritanomaly

60.0171, 67.4194, 96.2362

Monochromacy



Original Color

61.7747, 67.7535, 104.4296

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 61.7747, 67.7535, 104.4296 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(177, 220, 255)` looks like.

```
.text, #text, p{  
    color:rgb(177, 220, 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(177, 220, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 220, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.7747, 67.7535, 104.4296 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(177, 220, 255) }
```


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

```
.border{ border-color:rgb(177, 220, 255) }
```

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

Here you see how a box with a 4 pixel rgb(177, 220, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 220, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 220, 255);  
box-shadow:4px 4px 4px 4px rgb(177, 220,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7747, 67.7535, 104.4296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 220, 255) }
```

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

```
.background{ background-color: rgb(177,  
220, 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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