

Converting Colors

XYZ(67.1075, 77.1025,
104.2751)

Have a look what the booklet for
XYZ(67.1075, 77.1025, 104.2751)
contains.

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Color

**XYZ(67.0165, 77.0278,
104.2642)**

Conversions

Conversions Part 1

Format	Color
Hex	B6ECFD
RGB	182, 236, 253
RGB Percent	71%, 93%, 99%
CMY	0.2863, 0.0745, 0.0078
CMYK	0.28, 0.07, 0.00, 0.01
HSL	194°, 95%, 85%
HSV	194°, 28%, 99%
XYZ	67.0165, 77.0278, 104.2642
YIQ	221.7920, -37.6410, -6.1610

Conversions

Conversions Part 2

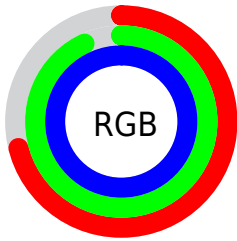
Format	Color
RYB	182, 213, 253
Decimal	11988221
CIELab	90.33, -13.31, -13.80
CIElCh	90, 19.172, 226.021
Yxy	77.0278, 0.2699, 0.3102
Android (android.graphics.Color)	4290178301 (0xFFB6ECFD)
YUV	221.7920, 15.3855, -34.8976
Hunter-Lab	87.7655, -17.2895, -8.9999

Details

The XYZ color **67.0165, 77.0278, 104.2642** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.3760, 65.1076, 53.1684**, and the grayscale version is **69.2002, 72.8040, 79.2836**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **35.0375, 41.1401, 58.3187** is the 20% darker color. If you saturate the color by 10%, you get **59.8589, 70.7946, 103.4396**, and if you desaturate by 10%, it is **75.3173, 83.9419, 105.1625**.

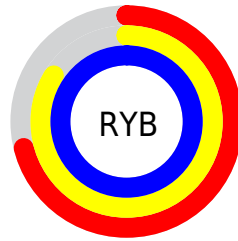
Distribution



Red (71%)

Green (93%)

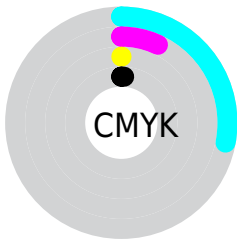
Blue (99%)



Red (71%)

Yellow (84%)

Blue (99%)

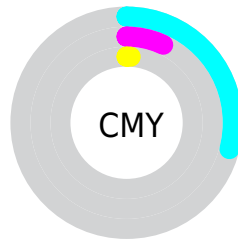


Cyan (28%)

Magenta (7%)

Yellow (0%)

Black (1%)



Cyan (29%)

Magenta (7%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.0165, 77.0278, 104.2642 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 67.0165, 77.0278, 104.2642 by changing the saturation by 10% instead.

67.0165, 77.0278,
104.2642

67.0165, 77.0278,
104.2642

439.4351,
484.8588, 595.1423

49.3688, 57.2757,
79.2298

113.9937,
129.1787, 169.1077

35.1279, 41.2266,
58.5624

144.0539,
162.3463, 209.7540

23.9284, 28.4962,
41.8432

178.9824,
200.7546, 256.4413

15.4049, 18.7000,
28.6539

219.1443,
244.7878, 309.5882

9.1922, 11.4537,
18.5758

264.9053,
294.8304, 369.6132

4.9249, 6.3729,
11.1905

316.6304,

2.2376, 3.0731,

351.2669, 436.9348

6.0793

374.6853,
414.4816, 511.9717

■ 0.7624, 1.1700,
2.8238

■ 0.0000, 0.0370,
1.0054

■ 67.0165, 77.0278,
104.2642

■ 67.0165, 77.0278,
104.2642

■ 59.8589, 70.7946,
103.4396

■ 75.3173, 83.9419,
105.1625

■ 53.7788, 65.2020,
102.6806

■ 84.8087, 91.5565,
106.1321

■ 48.7142, 60.2190,
101.9857

■ 94.4673, 99.3468,
107.1267

■ 44.5940, 55.8079,
101.3514

■ 94.7299, 99.8719,
107.2142

■ 41.3370, 51.9262,
100.7739

■ 38.8475, 48.5235,
100.2483

■ 36.9954, 45.5319,
99.7685

■ 36.6745, 44.9813,
99.6791

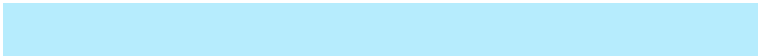
Harmonies

Analogous

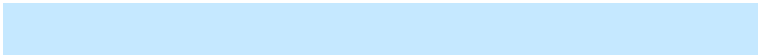
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



64.7324, 77.0278, 91.3433



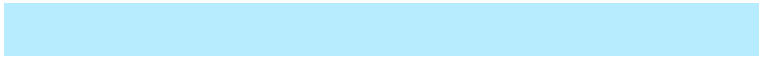
67.0165, 77.0278, 104.2642



71.0156, 77.0278, 112.0810

Triad

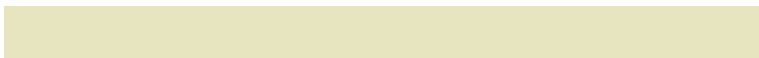
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.0165, 77.0278, 104.2642



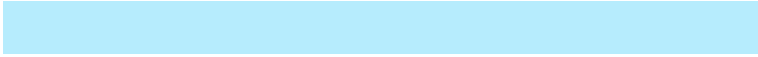
82.4945, 77.0278, 90.3883



70.7062, 77.0278, 61.0372

Complementary

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



67.0165, 77.0278, 104.2642



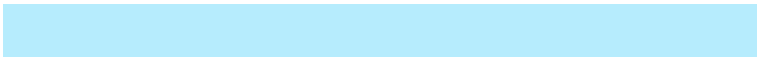
69.3760, 65.1076, 53.1684

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.



75.4545, 77.0278, 60.8411



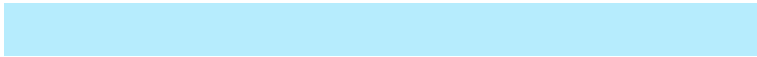
67.0165, 77.0278, 104.2642



82.4028, 77.0278, 76.8162

Square

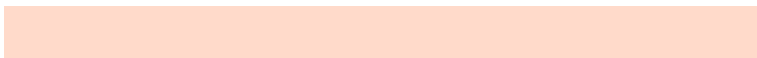
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



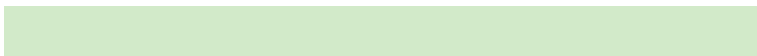
67.0165, 77.0278, 104.2642



80.0246, 77.0278, 103.4998



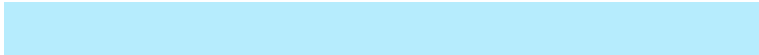
79.7793, 77.0278, 66.3256



66.7986, 77.0278, 66.8940

Rectangle

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



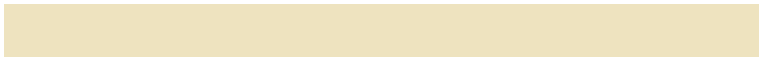
67.0165, 77.0278, 104.2642



74.1805, 77.0278, 112.8522



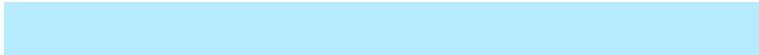
79.7793, 77.0278, 66.3256



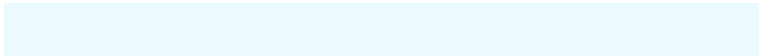
72.2532, 77.0278, 60.3306

Sweetspot

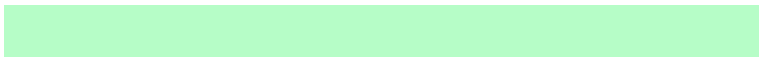
The Sweet Spot groups the original color and five complimentary colors.



67.0188, 77.0309, 104.2660



86.4007, 93.2576, 108.0545



64.6769, 84.3006, 66.6341



18.1647, 19.7010, 23.0952



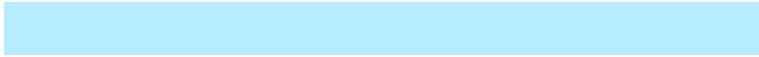
0.0000, 0.0000, 0.0000



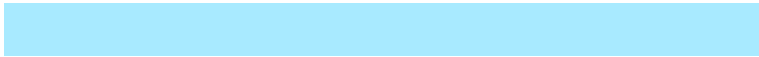
20.3446, 21.4041, 23.3091

Same Dimension

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



67.0188, 77.0309, 104.2660



63.7547, 74.5623, 105.6395



57.8939, 58.7811, 101.2243



18.1647, 19.7010, 23.0952



19.6280, 24.1655, 53.0645



1.9953, 2.5214, 5.1948

Inverse Universe

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



72.3782, 60.3967, 87.2032



70.1844, 55.3307, 85.0064



78.3948, 83.1453, 56.1747



18.5958, 18.2216, 21.7546



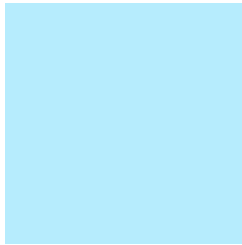
26.6955, 13.1675, 28.1107



2.6418, 1.2991, 2.9609

Previews

White Background



This preview shows how the XYZ color 67.0165, 77.0278, 104.2642 looks on a white background.

Color Contrast Check

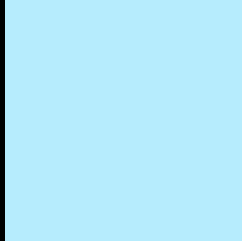
Large Text (above 18pt) WCAG AA × Fail

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 67.0165, 77.0278, 104.2642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

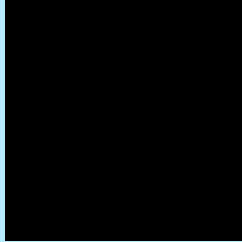
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.0165, 77.0278, 104.2642

Background



This preview shows how black text looks on a background with the XYZ color 67.0165, 77.0278, 104.2642.

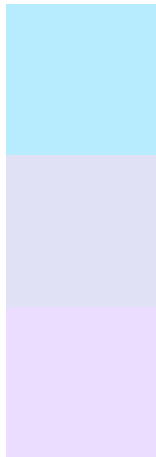


This preview shows how white text looks on a background with the XYZ color 67.0165, 77.0278,

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

67.0165, 77.0278, 104.2642

Protanopia

74.6111, 76.5118, 98.0246

Deuteranopia

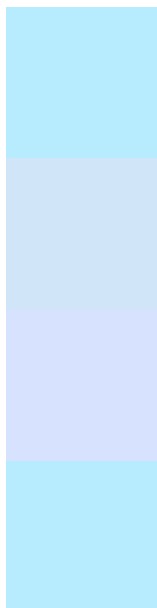
77.8381, 76.4253, 105.2568



Tritanopia

67.3369, 77.1560, 105.9513

Trichromacy



Original Color

67.0165, 77.0278, 104.2642

Protanomaly

71.4127, 76.4335, 100.6118

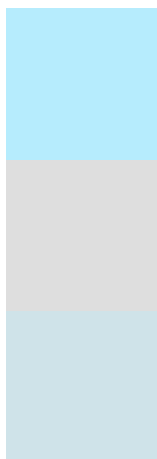
Deuteranomaly

73.1101, 75.9955, 104.5812

Tritanomaly

67.1762, 77.0917, 105.1056

Monochromacy



Original Color

67.0165, 77.0278, 104.2642

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

67.9092, 74.0868, 87.8118

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.0165, 77.0278, 104.2642 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(182, 236, 253)` looks like.

```
.text, #text, p{  
    color:rgb(182, 236, 253)  
}
```

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(182, 236, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 236, 253) }
```

Border

The CSS property to change the border of an element to XYZ 67.0165, 77.0278, 104.2642 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(182, 236, 253) }
```


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

```
.border{ border-color:rgb(182, 236, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 236, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 236, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 236, 253);  
box-shadow:4px 4px 4px 4px rgb(182, 236,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 67.0165, 77.0278, 104.2642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 236, 253) }
```

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

```
.background{ background-color: rgb(182,  
236, 253) }
```

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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