

Converting Colors

XYZ(67.2702, 76.5795,
105.8435)

Have a look what the booklet for
XYZ(67.2702, 76.5795, 105.8435)
contains.

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Color

**XYZ(67.2868, 76.7039,
105.8667)**

Conversions

Conversions Part 1

Format	Color
Hex	B7EBFF
RGB	183, 235, 255
RGB Percent	72%, 92%, 100%
CMY	0.2823, 0.0784, 0.0000
CMYK	0.28, 0.08, 0.00, 0.00
HSL	197°, 100%, 86%
HSV	197°, 28%, 100%
XYZ	67.2868, 76.7039, 105.8667
YIQ	221.7320, -37.4120, -4.8040

Conversions

Conversions Part 2

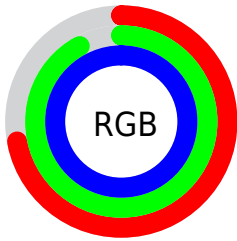
Format	Color
R _Y B	183, 213, 255
Decimal	12053503
CIE Lab	90.19, -12.07, -15.06
CIE LCh	90, 19.300, 231.281
Yxy	76.7039, 0.2693, 0.3070
Android (android.graphics.Color)	4290243583 (0xFFB7EBFF)
YUV	221.7320, 16.4011, -33.9680
Hunter-Lab	87.5808, -16.1278, -10.3626

Details

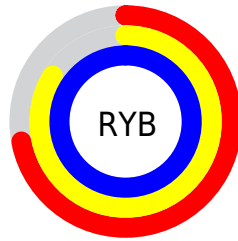
The XYZ color **67.2868, 76.7039, 105.8667** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **71.1434, 67.3906, 54.0597**, and the grayscale version is **69.1508, 72.7520, 79.2270**.

A 20% lighter version of the original color is **89.7452, 97.2653, 108.6517**, and **35.2152, 40.9066, 59.4658** is the 20% darker color. If you saturate the color by 10%, you get **59.7751, 69.8829, 104.9460**, and if you desaturate by 10%, it is **75.9821, 84.2588, 106.8666**.

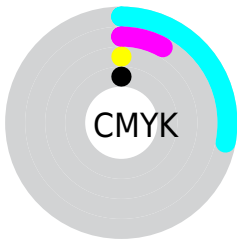
Distribution



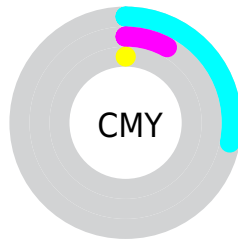
- Red (72%)
- Green (92%)
- Blue (100%)



- Red (72%)
- Yellow (84%)
- Blue (100%)



- Cyan (28%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (28%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.2868, 76.7039, 105.8667 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 67.2868, 76.7039, 105.8667 by changing the saturation by 10% instead.

67.2868, 76.7039,
105.8667

67.2868, 76.7039,
105.8667

440.3814,
483.7539, 600.2491

49.5893, 57.0099,
80.5649

114.3788,
128.7214, 171.3182

35.3036, 41.0132,
59.6545

144.5040,
161.8137, 212.3050

24.0645, 28.3294,
42.7167

179.5025,
200.1409, 259.3573

15.5064, 18.5741,
29.3331

219.7396,
244.0874, 312.8936

9.2642, 11.3629,
19.0852

265.5807,
294.0375, 373.3323

4.9724, 6.3115,
11.5544

317.3911,

2.2657, 3.0354,

350.3757, 441.0921

6.3222

375.5362,
413.4864, 516.5916

■ 0.7770, 1.1502,
2.9701

■ 0.0000, 0.0205,
1.0794

■ 67.2868, 76.7039,
105.8667

■ 67.2868, 76.7039,
105.8667

■ 59.7751, 69.8829,
104.9460

■ 75.9821, 84.2588,
106.8666

■ 53.3805, 63.7543,
104.1001

■ 85.9107, 92.5687,
107.9473

■ 48.0392, 58.2858,
103.3261

95.0500, 100.0000,
108.9000

■ 43.6780, 53.4382,
102.6203

■ 40.2135, 49.1671,
101.9785

■ 37.5477, 45.4203,
101.3958

■ 35.5453, 42.1269,
100.8656

■ 35.2276, 41.5752,
100.7759

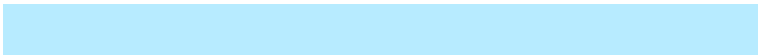
Harmonies

Analogous

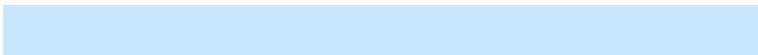
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



64.6443, 76.7039, 93.4751



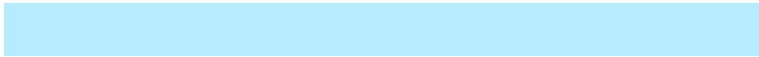
67.2868, 76.7039, 105.8667



71.5156, 76.7039, 112.4399

Triad

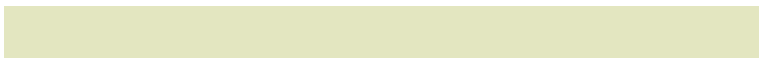
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.2868, 76.7039, 105.8667



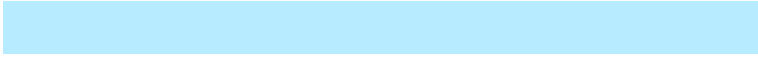
82.4060, 76.7039, 87.5859



69.6085, 76.7039, 61.2442

Complementary

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



67.2868, 76.7039, 105.8667



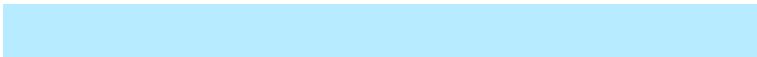
71.1434, 67.3906, 54.0597

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.



74.3118, 76.7039, 60.0359



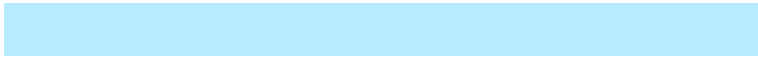
67.2868, 76.7039, 105.8667



81.8406, 76.7039, 74.2934

Square

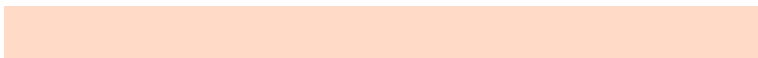
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



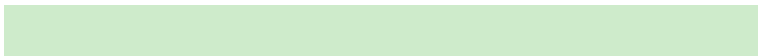
67.2868, 76.7039, 105.8667



80.3397, 76.7039, 101.1522



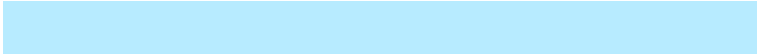
78.8270, 76.7039, 64.5583



65.9433, 76.7039, 68.0616

Rectangle

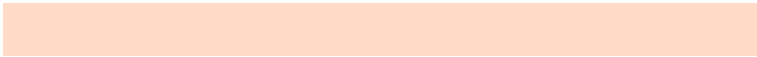
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



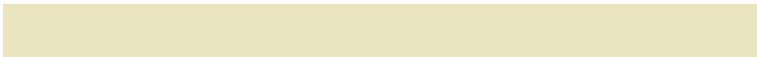
67.2868, 76.7039, 105.8667



74.7238, 76.7039, 112.1901



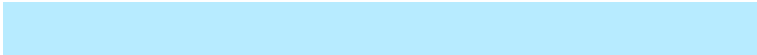
78.8270, 76.7039, 64.5583



71.1155, 76.7039, 60.2006

Sweetspot

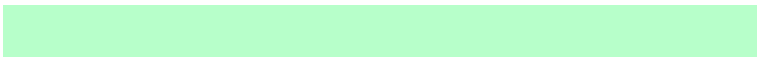
The Sweet Spot groups the original color and five complimentary colors.



67.2889, 76.7069, 105.8671



86.1581, 92.7724, 107.9736



65.9740, 85.8616, 69.0987



18.1033, 19.5783, 23.0748



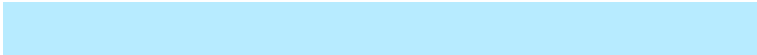
0.0000, 0.0000, 0.0000



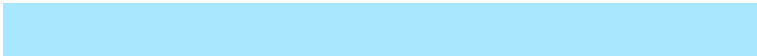
20.3446, 21.4041, 23.3091

Same Dimension

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



67.2889, 76.7069, 105.8671



62.8161, 72.6852, 105.3266



58.1879, 58.5050, 102.8335



18.1033, 19.5783, 23.0748



18.5392, 21.9880, 52.7016



1.8971, 2.3248, 5.1620

Inverse Universe

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



73.1703, 61.1269, 86.5427



69.7107, 55.1412, 82.5117



80.4207, 85.9451, 57.1522



18.5648, 18.2092, 21.5914



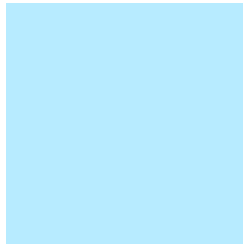
26.1459, 12.9477, 25.2167



2.5922, 1.2792, 2.6997

Previews

White Background



This preview shows how the XYZ color 67.2868, 76.7039, 105.8667 looks on a white background.

Color Contrast Check

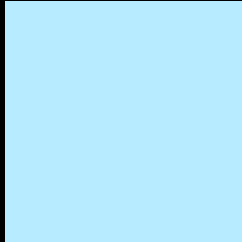
Large Text (above 18pt) WCAG AA × Fail

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 67.2868, 76.7039, 105.8667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

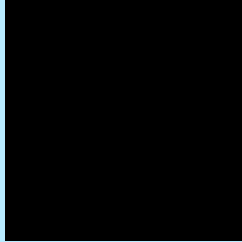
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.2868, 76.7039, 105.8667

Background



This preview shows how black text looks on a background with the XYZ color 67.2868, 76.7039, 105.8667.

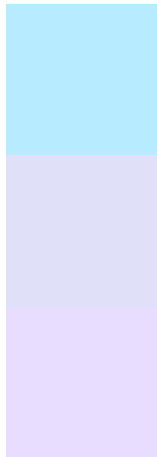


This preview shows how white text looks on a background with the XYZ color 67.2868, 76.7039,

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

67.2868, 76.7039, 105.8667

Protanopia

74.6090, 76.4750, 99.6358

Deuteranopia

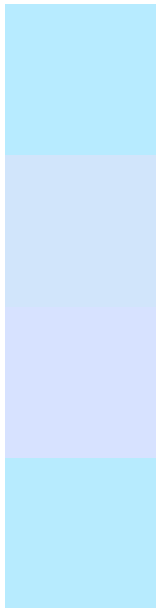
77.5107, 76.2565, 105.2415



Tritanopia

67.1262, 76.6397, 105.0209

Trichromacy



Original Color

67.2868, 76.7039, 105.8667

Protanomaly

71.7264, 76.5590, 102.2638

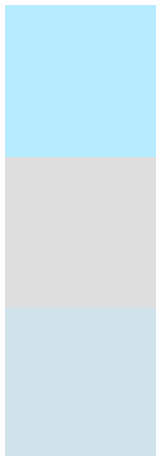
Deuteranomaly

73.2707, 76.0598, 105.4270

Tritanomaly

67.1262, 76.6397, 105.0209

Monochromacy



Original Color

67.2868, 76.7039, 105.8667

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

68.3328, 74.2886, 88.5795

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.2868, 76.7039, 105.8667 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(183, 235, 255)` looks like.

```
.text, #text, p{  
    color:rgb(183, 235, 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(183, 235, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 235, 255) }
```

Border

The CSS property to change the border of an element to XYZ 67.2868, 76.7039, 105.8667 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(183, 235, 255) }
```


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

```
.border{ border-color:rgb(183, 235, 255) }
```

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

Here you see how a box with a 4 pixel rgb(183, 235, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 235, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 235, 255);  
box-shadow:4px 4px 4px 4px rgb(183, 235,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 67.2868, 76.7039, 105.8667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 235, 255) }
```

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

```
.background{ background-color: rgb(183,  
235, 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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