

Converting Colors

XYZ(62.6941, 67.2248,
106.1447)

Have a look what the booklet for
XYZ(62.6941, 67.2248, 106.1447)
contains.

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Color

**XYZ(62.4128, 67.3079,
104.3100)**

Conversions

Conversions Part 1

Format	Color
Hex	B6DAFF
RGB	182, 218, 255
RGB Percent	71%, 85%, 100%
CMY	0.2863, 0.1451, 0.0000
CMYK	0.29, 0.15, 0.00, 0.00
HSL	210°, 100%, 86%
HSV	210°, 29%, 100%
XYZ	62.4128, 67.3079, 104.3100
YIQ	211.4540, -33.3330, 3.8750

Conversions

Conversions Part 2

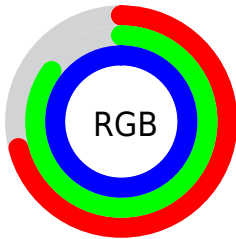
Format	Color
R _Y B	182, 206, 255
Decimal	11983615
CIE Lab	85.66, -3.59, -21.89
CIE LCh	86, 22.179, 260.674
Yxy	67.3079, 0.2667, 0.2876
Android (android.graphics.Color)	4290173695 (0xFFB6DAFF)
YUV	211.4540, 21.4682, -25.8312
Hunter-Lab	82.0414, -7.7790, -17.9542

Details

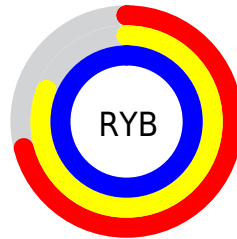
The XYZ color **62.4128, 67.3079, 104.3100** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **75.0151, 75.3001, 54.8384**, and the grayscale version is **62.0969, 65.3307, 71.1452**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **32.0426, 34.7836, 58.4512** is the 20% darker color. If you saturate the color by 10%, you get **53.7085, 58.0394, 102.9797**, and if you desaturate by 10%, it is **72.4787, 77.6695, 105.7794**.

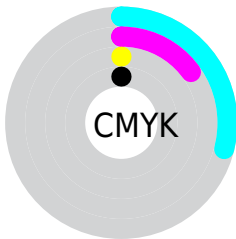
Distribution



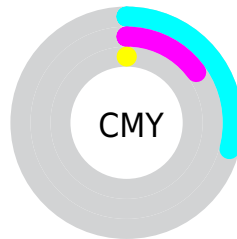
- Red (71%)
- Green (85%)
- Blue (100%)



- Red (71%)
- Yellow (81%)
- Blue (100%)



- Cyan (29%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (29%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.4128, 67.3079, 104.3100 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 62.4128, 67.3079, 104.3100 by changing the saturation by 10% instead.

■ 62.4128, 67.3079,
104.3100

■ 62.4128, 67.3079,
104.3100

423.1289,
451.0400, 595.2886

■ 45.6232, 49.3349,
79.2680

■ 107.4085,
115.3615, 169.1709

■ 32.1519, 34.8852,
58.5935

136.3453,
146.2109, 209.8270

■ 21.6337, 23.5745,
41.8682

170.0619,
182.1211, 256.5247

■ 13.7031, 15.0183,
28.6733

208.9236,
223.4767, 309.6828

■ 7.9948, 8.8322,
18.5903

253.2958,
270.6620, 369.7196

■ 4.1434, 4.6319,
11.2008

303.5438,

■ 1.7836, 2.0329,

324.0614, 437.0539

6.0862

360.0331,
384.0592, 512.1040

■ 0.5077, 0.6265,
2.8279

■ 0.0000, 0.0000,
1.0075

■ 62.4128, 67.3079,
104.3100

■ 62.4128, 67.3079,
104.3100

■ 53.7085, 58.0394,
102.9797

■ 72.4787, 77.6695,
105.7794

■ 46.2946, 49.8137,
101.7828

■ 83.9614, 89.1564,
107.3914

■ 40.1018, 42.5875,
100.7144

95.0500, 100.0000,
108.9000

■ 35.0510, 36.3106,
99.7690

■ 31.0529, 30.9271,
98.9406

■ 28.0025, 26.3726,
98.2223

■ 25.7529, 22.5607,
97.6051

■ 25.4805, 22.0810,
97.5268

Harmonies

Analogous

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



58.0133, 67.3079, 96.9825



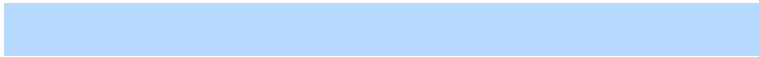
62.4128, 67.3079, 104.3100



67.4653, 67.3079, 102.5189

Triad

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



62.4128, 67.3079, 104.3100



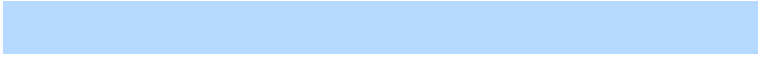
73.4999, 67.3079, 63.8972



56.7502, 67.3079, 57.0322

Complementary

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



62.4128, 67.3079, 104.3100



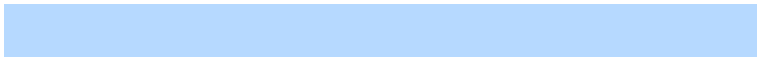
75.0151, 75.3001, 54.8384

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.



60.6055, 67.3079, 50.2179



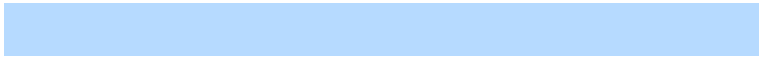
62.4128, 67.3079, 104.3100



70.3299, 67.3079, 53.8041

Square

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



62.4128, 67.3079, 104.3100



74.0465, 67.3079, 77.8884



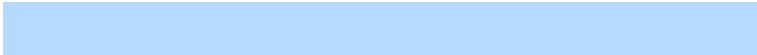
65.5613, 67.3079, 49.1194



54.8593, 67.3079, 68.8702

Rectangle

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



62.4128, 67.3079, 104.3100



70.5164, 67.3079, 96.4765



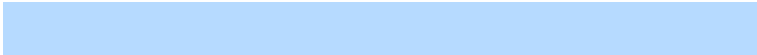
65.5613, 67.3079, 49.1194



57.8495, 67.3079, 54.1472

Sweetspot

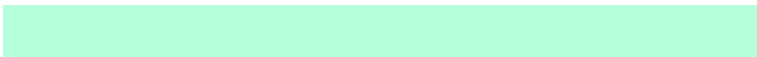
The Sweet Spot groups the original color and five complimentary colors.



62.4147, 67.3105, 104.3104



83.5060, 88.7062, 107.3285



67.7728, 86.5537, 79.8089



17.4985, 18.6151, 22.9208



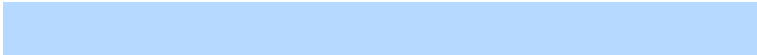
0.0000, 0.0000, 0.0000



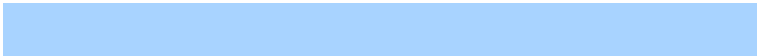
20.3446, 21.4041, 23.3091

Same Dimension

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



62.4147, 67.3105, 104.3104



57.5714, 62.1958, 103.5784



54.0708, 50.6227, 101.5291



17.7428, 18.8573, 22.9546



13.4629, 11.8354, 51.0095



1.4199, 1.3705, 5.0030

Inverse Universe

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



70.6241, 59.7794, 74.1489



67.0634, 54.0823, 68.5713



85.4438, 96.1575, 58.3146



18.3828, 18.1365, 20.6332



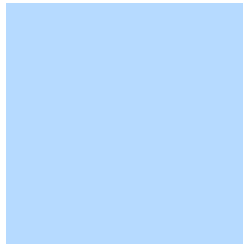
23.5836, 11.9228, 11.7239



2.3513, 1.1829, 1.4314

Previews

White Background



This preview shows how the XYZ color 62.4128, 67.3079, 104.3100 looks on a white background.

Color Contrast Check

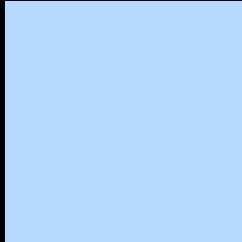
Large Text (above 18pt) WCAG AA × Fail

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 62.4128, 67.3079, 104.3100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

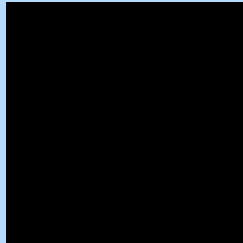
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

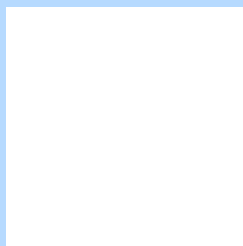
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.4128, 67.3079, 104.3100

Background



This preview shows how black text looks on a background with the XYZ color 62.4128, 67.3079, 104.3100.



This preview shows how white text looks on a background with the XYZ color 62.4128, 67.3079,

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

62.4128, 67.3079, 104.3100

Protanopia

66.4097, 67.1738, 100.7325

Deuteranopia

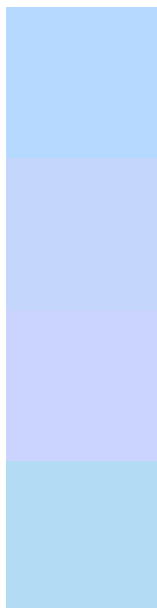
68.2910, 66.9671, 103.9344



Tritanopia

59.6492, 67.3509, 90.7451

Trichromacy



Original Color

62.4128, 67.3079, 104.3100

Protanomaly

64.6432, 66.9917, 101.6191

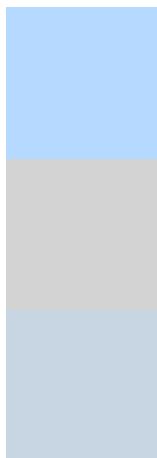
Deuteranomaly

65.9506, 66.8635, 104.0377

Tritanomaly

60.5127, 67.3018, 95.3891

Monochromacy



Original Color

62.4128, 67.3079, 104.3100

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.7311, 65.9185, 82.1430

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4128, 67.3079, 104.3100 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, 218, 255)` looks like.

```
.text, #text, p{  
    color:rgb(182, 218, 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(182, 218, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 218, 255) }
```

Border

The CSS property to change the border of an element to XYZ 62.4128, 67.3079, 104.3100 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, 218, 255) }
```


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

```
.border{ border-color:rgb(182, 218, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 218, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 218, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 218, 255);  
box-shadow:4px 4px 4px 4px rgb(182, 218,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4128, 67.3079, 104.3100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 218, 255) }
```

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

```
.background{ background-color: rgb(182,  
218, 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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