

Converting Colors

XYZ(62.0210, 67.7362,
104.4133)

Have a look what the booklet for
XYZ(62.0210, 67.7362, 104.4133)
contains.

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Color

**XYZ(62.2336, 67.9901,
104.4511)**

Conversions

Conversions Part 1

Format	Color
Hex	B3DCFF
RGB	179, 220, 255
RGB Percent	70%, 86%, 100%
CMY	0.2980, 0.1372, 0.0000
CMYK	0.30, 0.14, 0.00, 0.00
HSL	208°, 100%, 85%
HSV	208°, 30%, 100%
XYZ	62.2336, 67.9901, 104.4511
YIQ	211.7310, -35.6710, 2.1930

Conversions

Conversions Part 2

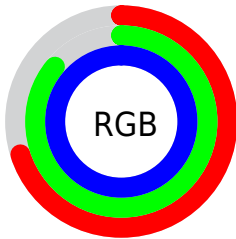
Format	Color
R _Y B	179, 206, 255
Decimal	11787519
CIE Lab	86.00, -5.49, -21.38
CIE LCh	86, 22.077, 255.612
Yxy	67.9901, 0.2652, 0.2897
Android (android.graphics.Color)	4289977599 (0xFFB3DCFF)
YUV	211.7310, 21.3316, -28.7051
Hunter-Lab	82.4561, -9.5756, -17.3862

Details

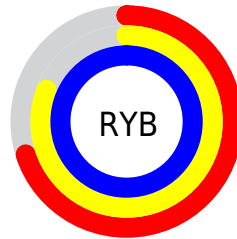
The XYZ color **62.2336, 67.9901, 104.4511** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **73.4234, 72.6076, 52.7945**, and the grayscale version is **62.2822, 65.5258, 71.3576**.

A 20% lighter version of the original color is **88.4021, 96.5729, 108.5889**, and **31.9604, 35.2726, 58.5499** is the 20% darker color. If you saturate the color by 10%, you get **53.9018, 59.2808, 103.2092**, and if you desaturate by 10%, it is **71.8754, 77.6994, 105.8170**.

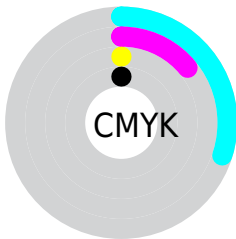
Distribution



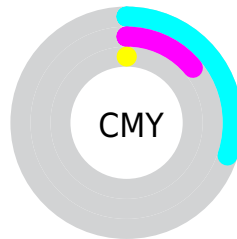
- Red (70%)
- Green (86%)
- Blue (100%)



- Red (70%)
- Yellow (81%)
- 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 62.2336, 67.9901, 104.4511 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 62.2336, 67.9901, 104.4511 by changing the saturation by 10% instead.

■ 62.2336, 67.9901,
104.4511

■ 62.2336, 67.9901,
104.4511

422.4867,
453.4609, 595.7391

■ 45.4778, 49.8897,
79.3855

■ 107.1511,
116.3380, 169.3657

■ 32.0368, 35.3257,
58.6896

136.0435,
147.3542, 210.0518

■ 21.5453, 23.9139,
41.9449

169.7122,
183.4445, 256.7818

■ 13.6379, 15.2698,
28.7329

208.5225,
224.9933, 309.9742

■ 7.9493, 9.0089,
18.6350

252.8397,
272.3850, 370.0476

■ 4.1140, 4.7470,
11.2327

303.0292,

■ 1.7668, 2.0996,

326.0038, 437.4205

6.1075

359.4564,
386.2344, 512.5115

■ 0.4976, 0.6644,
2.8407

■ 0.0000, 0.0000,
1.0139

■ 62.2336, 67.9901,
104.4511

■ 62.2336, 67.9901,
104.4511

■ 53.9018, 59.2808,
103.2092

■ 71.8754, 77.6994,
105.8170

■ 46.8098, 51.5239,
102.0857

■ 82.8814, 88.4380,
107.3097

■ 40.8890, 44.6788,
101.0765

95.0500, 100.0000,
108.9000

■ 36.0609, 38.6981,
100.1766

■ 32.2366, 33.5287,
99.3804

■ 29.3106, 29.1086,
98.6814

■ 27.1170, 25.3447,
98.0705

■ 27.0775, 25.2751,
98.0592

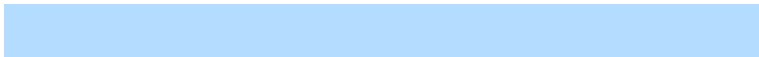
Harmonies

Analogous

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



58.0494, 67.9901, 95.7932



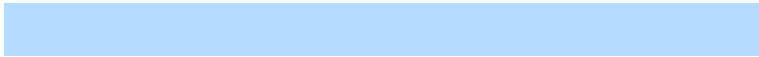
62.2336, 67.9901, 104.4511



67.2778, 67.9901, 104.2575

Triad

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



62.2336, 67.9901, 104.4511



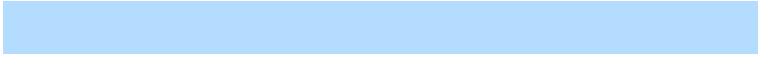
74.4588, 67.9901, 66.7776



57.9127, 67.9901, 56.1900

Complementary

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



62.2336, 67.9901, 104.4511



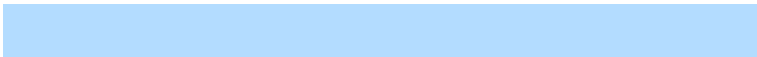
73.4234, 72.6076, 52.7945

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.



62.0381, 67.9901, 50.2944



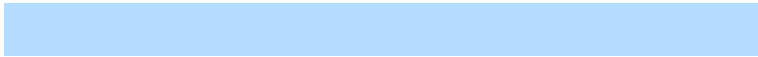
62.2336, 67.9901, 104.4511



71.6741, 67.9901, 55.8406

Square

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



62.2336, 67.9901, 104.4511



74.5179, 67.9901, 81.1759



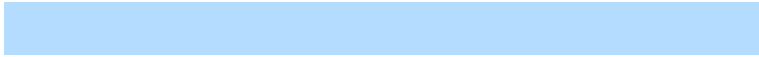
67.0719, 67.9901, 50.1755



55.6445, 67.9901, 67.3157

Rectangle

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



62.2336, 67.9901, 104.4511



70.4582, 67.9901, 99.0868



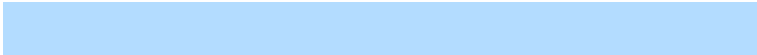
67.0719, 67.9901, 50.1755



59.1183, 67.9901, 53.5987

Sweetspot

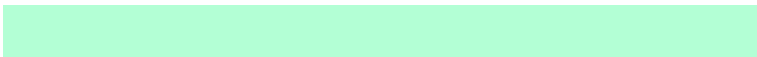
The Sweet Spot groups the original color and five complimentary colors.



62.2355, 67.9927, 104.4515



83.8257, 89.3457, 107.4351



66.3871, 85.9185, 76.1702



17.5772, 18.7725, 22.9470



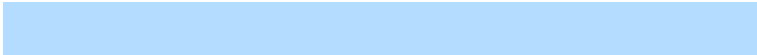
0.0000, 0.0000, 0.0000



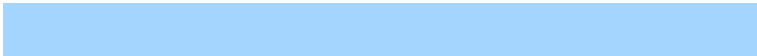
20.3446, 21.4041, 23.3091

Same Dimension

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



62.2355, 67.9927, 104.4515



56.9208, 62.4788, 103.6673



53.5341, 50.5900, 101.5510



17.8149, 19.0013, 22.9786



14.2998, 13.5091, 51.2884



1.5017, 1.5340, 5.0302

Inverse Universe

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



70.2796, 58.6691, 75.3332



66.3483, 52.3157, 69.3701



83.9368, 93.6343, 56.2989



18.4192, 18.1510, 20.8247



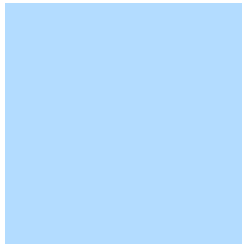
24.0061, 12.0917, 13.9483



2.3926, 1.1994, 1.6487

Previews

White Background



This preview shows how the XYZ color 62.2336, 67.9901, 104.4511 looks on a white background.

Color Contrast Check

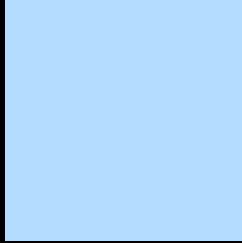
Large Text (above 18pt) WCAG AA × Fail

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 62.2336, 67.9901, 104.4511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

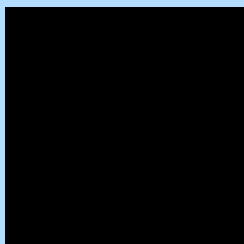
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

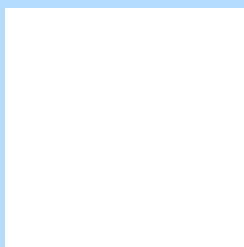
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.2336, 67.9901, 104.4511

Background



This preview shows how black text looks on a background with the XYZ color 62.2336, 67.9901, 104.4511.



This preview shows how white text looks on a background with the XYZ color 62.2336, 67.9901,

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

62.2336, 67.9901, 104.4511

Protanopia

67.0620, 67.9005, 100.0140

Deuteranopia

68.8281, 67.6093, 104.0300



Tritanopia

59.7539, 67.7639, 92.3685

Trichromacy



Original Color

62.2336, 67.9901, 104.4511

Protanomaly

65.1525, 68.0103, 101.7889

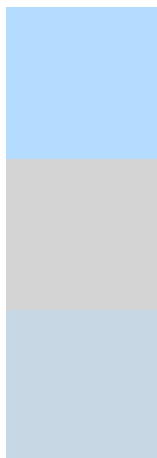
Deuteranomaly

66.1840, 67.7306, 104.1928

Tritanomaly

60.4693, 67.6526, 96.2574

Monochromacy



Original Color

62.2336, 67.9901, 104.4511

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

62.1234, 66.4817, 82.9568

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.2336, 67.9901, 104.4511 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(179, 220, 255)` looks like.

```
.text, #text, p{  
    color:rgb(179, 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(179, 220, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 220, 255) }
```

Border

The CSS property to change the border of an element to XYZ 62.2336, 67.9901, 104.4511 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(179, 220, 255) }
```


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

```
.border{ border-color:rgb(179, 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(179, 220, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 220, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 220, 255);  
box-shadow:4px 4px 4px 4px rgb(179, 220,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 62.2336, 67.9901, 104.4511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 220, 255) }
```

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

```
.background{ background-color: rgb(179,  
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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