

Converting Colors

XYZ(62.7129, 67.8623,
105.6057)

Have a look what the booklet for
XYZ(62.7129, 67.8623, 105.6057)
contains.

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Color

**XYZ(62.4376, 67.7068,
104.3856)**

Conversions

Conversions Part 1

Format	Color
Hex	B5DBFF
RGB	181, 219, 255
RGB Percent	71%, 86%, 100%
CMY	0.2902, 0.1412, 0.0000
CMYK	0.29, 0.14, 0.00, 0.00
HSL	209°, 100%, 85%
HSV	209°, 29%, 100%
XYZ	62.4376, 67.7068, 104.3856
YIQ	211.7420, -34.2040, 3.1400

Conversions

Conversions Part 2

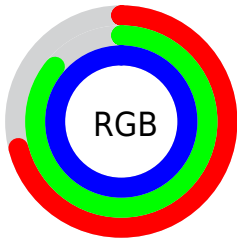
Format	Color
R_{YB}	181, 206, 255
Decimal	11918335
CIE _{Lab}	85.86, -4.40, -21.59
CIE _{LCh}	86, 22.031, 258.478
Yxy	67.7068, 0.2662, 0.2887
Android (android.graphics.Color)	4290108415 (0xFFB5DBFF)
YUV	211.7420, 21.3262, -26.9607
Hunter-Lab	82.2841, -8.5506, -17.6163

Details

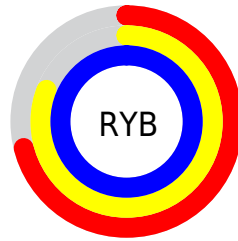
The XYZ color **62.4376, 67.7068, 104.3856** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **74.3936, 74.2217, 54.1233**, and the grayscale version is **62.2889, 65.5328, 71.3652**.

A 20% lighter version of the original color is **89.0699, 96.9171, 108.6201**, and **32.0727, 35.0638, 58.5037** is the 20% darker color. If you saturate the color by 10%, you get **53.8804, 58.6704, 103.0925**, and if you desaturate by 10%, it is **72.3341, 77.7949, 105.8112**.

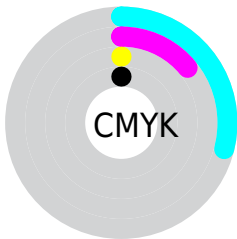
Distribution



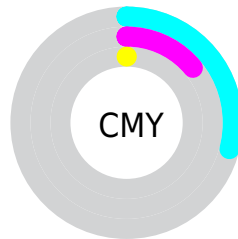
- Red (71%)
- Green (86%)
- Blue (100%)



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



- Cyan (29%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (29%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.4376, 67.7068, 104.3856 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 62.4376, 67.7068, 104.3856 by changing the saturation by 10% instead.

■ 62.4376, 67.7068,
104.3856

■ 62.4376, 67.7068,
104.3856

423.2177,
452.4565, 595.5300

■ 45.6433, 49.6592,
79.3309

■ 107.4441,
115.9326, 169.2753

■ 32.1679, 35.1427,
58.6450

136.3871,
146.8796, 209.9474

■ 21.6459, 23.7728,
41.9093

170.1103,
182.8953, 256.6625

■ 13.7121, 15.1652,
28.7052

208.9791,
224.3639, 309.8389

■ 8.0011, 8.9354,
18.6143

253.3589,
271.6700, 369.8954

■ 4.1474, 4.6991,
11.2179

303.6150,

■ 1.7859, 2.0718,

325.1978, 437.2503

6.0976

360.1128,
385.3319, 512.3224

■ 0.5091, 0.6487,
2.8348

■ 0.0000, 0.0000,
1.0109

■ 62.4376, 67.7068,
104.3856

■ 62.4376, 67.7068,
104.3856

■ 53.8804, 58.6704,
103.0925

■ 72.3341, 77.7949,
105.8112

■ 46.5917, 50.6366,
101.9259

■ 83.6244, 88.9655,
107.3723

■ 40.5026, 43.5634,
100.8816

95.0500, 100.0000,
108.9000

■ 35.5346, 37.4022,
99.9542

■ 31.5986, 32.0982,
99.1379

■ 28.5898, 27.5886,
98.4260

■ 26.3560, 23.7854,
97.8097

■ 26.1602, 23.4403,
97.7534

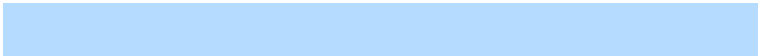
Harmonies

Analogous

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



58.1425, 67.7068, 96.5060



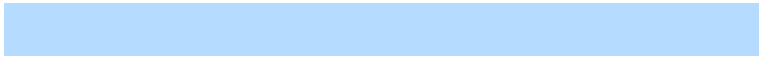
62.4376, 67.7068, 104.3856



67.4728, 67.7068, 103.2907

Triad

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



62.4376, 67.7068, 104.3856



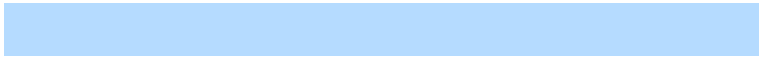
73.9858, 67.7068, 65.2726



57.3691, 67.7068, 56.8161

Complementary

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



62.4376, 67.7068, 104.3856



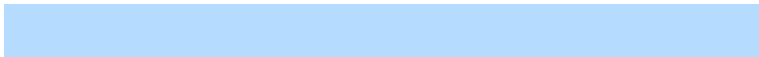
74.3936, 74.2217, 54.1233

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.



61.3314, 67.7068, 50.4135



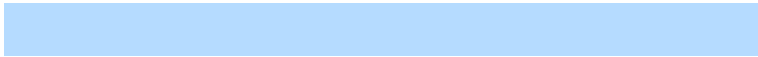
62.4376, 67.7068, 104.3856



70.9913, 67.7068, 54.8385

Square

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



62.4376, 67.7068, 104.3856



74.3201, 67.7068, 79.4029



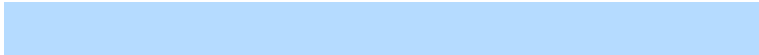
66.3078, 67.7068, 49.7402



55.3199, 67.7068, 68.3172

Rectangle

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



62.4376, 67.7068, 104.3856



70.5713, 67.7068, 97.6440



66.3078, 67.7068, 49.7402



58.5117, 67.7068, 54.0645

Sweetspot

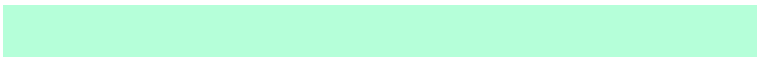
The Sweet Spot groups the original color and five complimentary colors.



62.4395, 67.7094, 104.3861



83.6463, 88.9868, 107.3753



67.3112, 86.3419, 78.6059



17.5330, 18.6842, 22.9323



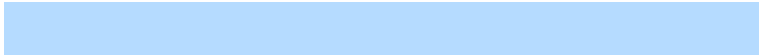
0.0000, 0.0000, 0.0000



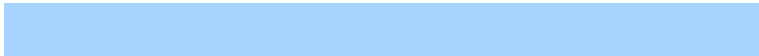
20.3446, 21.4041, 23.3091

Same Dimension

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



62.4395, 67.7094, 104.3861



57.1632, 62.1793, 103.5967



53.8834, 50.5972, 101.5340



17.7744, 18.9205, 22.9652



13.8194, 12.5484, 51.1283



1.4549, 1.4406, 5.0146

Inverse Universe

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



70.5513, 59.4239, 74.7722



66.6621, 53.1741, 68.7627



84.9487, 95.3320, 57.6416



18.3988, 18.1428, 20.7172



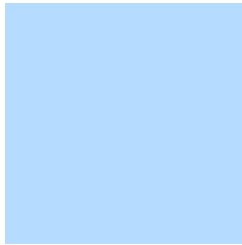
23.7636, 11.9947, 12.6715



2.3690, 1.1900, 1.5245

Previews

White Background



This preview shows how the XYZ color 62.4376, 67.7068, 104.3856 looks on a white background.

Color Contrast Check

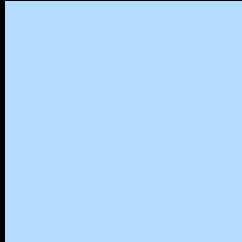
Large Text (above 18pt) WCAG AA × Fail

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 62.4376, 67.7068, 104.3856 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

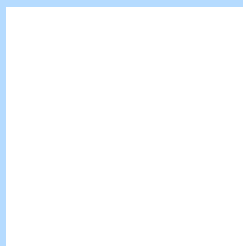
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.4376, 67.7068, 104.3856

Background



This preview shows how black text looks on a background with the XYZ color 62.4376, 67.7068, 104.3856.



This preview shows how white text looks on a background with the XYZ color 62.4376, 67.7068,

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





Tritanopia

60.0614, 67.9395, 91.6094

Trichromacy



Original Color

62.4376, 67.7068, 104.3856

Protanomaly

65.1598, 67.6349, 101.7160

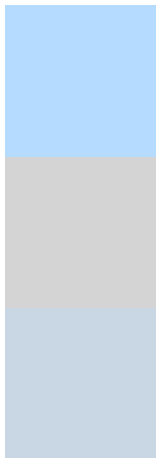
Deuteranomaly

66.2014, 67.3651, 104.1213

Tritanomaly

60.9283, 67.8892, 96.2789

Monochromacy



Original Color

62.4376, 67.7068, 104.3856

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

62.3914, 66.6198, 82.9693

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4376, 67.7068, 104.3856 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(181, 219, 255)` looks like.

```
.text, #text, p{  
    color:rgb(181, 219, 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(181, 219, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 219, 255) }
```

Border

The CSS property to change the border of an element to XYZ 62.4376, 67.7068, 104.3856 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(181, 219, 255) }
```


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

```
.border{ border-color:rgb(181, 219, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 219, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 219, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 219, 255);  
box-shadow:4px 4px 4px 4px rgb(181, 219,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4376, 67.7068, 104.3856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 219, 255) }
```

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

```
.background{ background-color: rgb(181,  
219, 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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