

Converting Colors

XYZ(62.0216, 68.4855, 99.2984)

Have a look what the booklet for
XYZ(62.0216, 68.4855, 99.2984)
contains.

XYZ(62.0114, 68.3762, 99.5521)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(62.0114, 68.3762,
99.5521)**

Conversions

Conversions Part 1

Format	Color
Hex	B5DDF9
RGB	181, 221, 249
RGB Percent	71%, 87%, 98%
CMY	0.2902, 0.1333, 0.0235
CMYK	0.27, 0.11, 0.00, 0.02
HSL	205°, 85%, 84%
HSV	205°, 27%, 98%
XYZ	62.0114, 68.3762, 99.5521
YIQ	212.2320, -32.8280, 0.2280

Conversions

Conversions Part 2

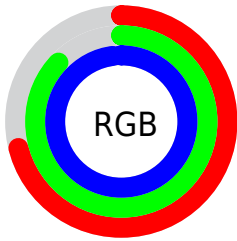
Format	Color
R_{YB}	181, 206, 249
Decimal	11918841
CIE Lab	86.19, -6.83, -17.92
CIE LCh	86, 19.178, 249.124
Yxy	68.3762, 0.2697, 0.2974
Android (android.graphics.Color)	4290108921 (0xFFB5DDF9)
YUV	212.2320, 18.1266, -27.3905
Hunter-Lab	82.6899, -10.8453, -13.4975

Details

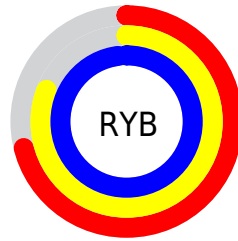
The XYZ color **62.0114, 68.3762, 99.5521** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **70.2088, 69.0775, 53.3507**, and the grayscale version is **62.6341, 65.8960, 71.7607**.

A 20% lighter version of the original color is **89.0699, 96.9171, 108.6201**, and **32.0143, 35.6347, 55.6429** is the 20% darker color. If you saturate the color by 10%, you get **54.0621, 60.3833, 98.4294**, and if you desaturate by 10%, it is **71.1737, 77.2431, 100.7818**.

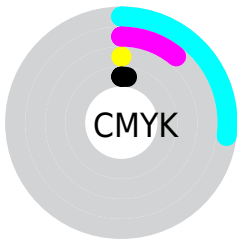
Distribution



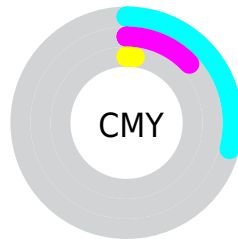
- Red (71%)
- Green (87%)
- Blue (98%)



- Red (71%)
- Yellow (81%)
- Blue (98%)



- Cyan (27%)
- Magenta (11%)
- Yellow (0%)
- Black (2%)



- Cyan (29%)
- Magenta (13%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.0114, 68.3762, 99.5521 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 62.0114, 68.3762, 99.5521 by changing the saturation by 10% instead.

■ 62.0114, 68.3762,
99.5521

■ 62.0114, 68.3762,
99.5521

421.6896,
454.8278, 579.9901

■ 45.2975, 50.2039,
75.3117

■ 106.8319,
116.8902, 162.5880

■ 31.8941, 35.5754,
55.3650

135.6692,
148.0006, 202.2207

■ 21.4358, 24.1064,
39.2935

169.2783,
184.1924, 247.8212

■ 13.5572, 15.4126,
26.6785

208.0247,
225.8502, 299.8080

■ 7.8930, 9.1095,
17.1016

252.2737,
273.3582, 358.5998

■ 4.0778, 4.8127,
10.1443

302.3906,

■ 1.7462, 2.1378,

327.1009, 424.6151

5.3879

358.7408,
387.4626, 498.2723

■ 0.4849, 0.6857,
2.4139

■ 0.0000, 0.0000,
0.7940

■ 62.0114, 68.3762,
99.5521

■ 62.0114, 68.3762,
99.5521

■ 54.0621, 60.3833,
98.4294

■ 71.1737, 77.2431,
100.7818

■ 47.2609, 53.2216,
97.4056

■ 81.5968, 87.0081,
102.1173

■ 41.5461, 46.8566,
96.4782

■ 93.0745, 97.5704,
103.5511

■ 36.8474, 41.2474,
95.6432

■ 94.0991, 99.6196,
103.8926

■ 33.0848, 36.3481,
94.8958

■ 30.1652, 32.1058,
94.2308

■ 27.9682, 28.4533,
93.6416

■ 27.4520, 27.5454,
93.4936

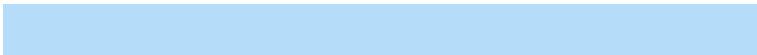
Harmonies

Analogous

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



58.6244, 68.3762, 90.8670



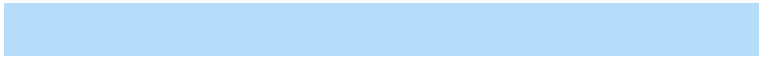
62.0114, 68.3762, 99.5521



66.3448, 68.3762, 101.1240

Triad

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



62.0114, 68.3762, 99.5521



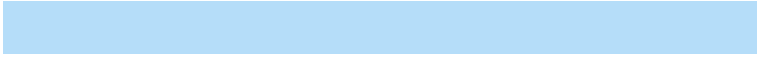
73.7358, 68.3762, 70.6615



59.7793, 68.3762, 57.1385

Complementary

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



62.0114, 68.3762, 99.5521



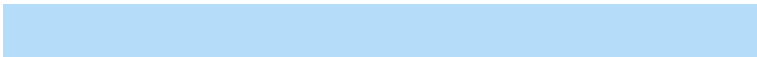
70.2088, 69.0775, 53.3507

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.



63.6529, 68.3762, 52.9349



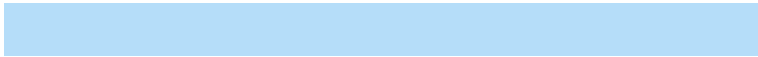
62.0114, 68.3762, 99.5521



71.7995, 68.3762, 60.1401

Square

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



62.0114, 68.3762, 99.5521



73.2475, 68.3762, 83.4532



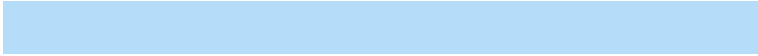
68.0615, 68.3762, 53.9678



57.3768, 68.3762, 66.1189

Rectangle

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



62.0114, 68.3762, 99.5521



69.2089, 68.3762, 97.7695



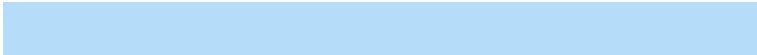
68.0615, 68.3762, 53.9678



60.9452, 68.3762, 55.1689

Sweetspot

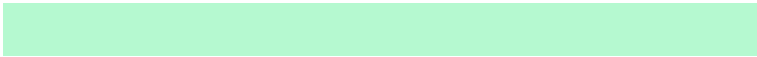
The Sweet Spot groups the original color and five complimentary colors.



62.0135, 68.3789, 99.5537



85.3178, 91.0917, 107.6935



64.3430, 82.1404, 72.2687



17.8912, 19.1539, 23.0041



0.0000, 0.0000, 0.0000



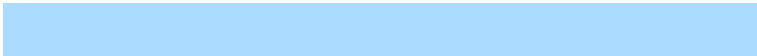
20.3446, 21.4041, 23.3091

Same Dimension

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



62.0135, 68.3789, 99.5537



60.4978, 67.2328, 104.3964



54.0971, 52.5462, 96.9149



17.1317, 18.3402, 22.0224



14.8378, 15.0312, 50.0928



1.4786, 1.6009, 4.6743

Inverse Universe

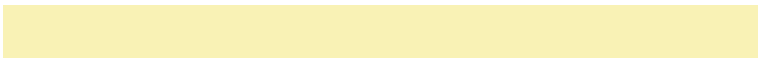
The Inverse Universe completely reimagines the original color for something new.



68.6437, 58.4098, 76.0659



68.7396, 55.5152, 75.0477



79.2204, 87.1007, 56.3546



17.6730, 17.3966, 20.1338



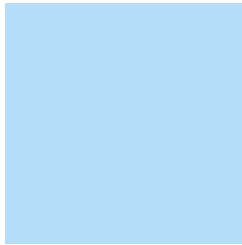
23.7815, 11.9283, 16.0895



2.2553, 1.1258, 1.7677

Previews

White Background



This preview shows how the XYZ color 62.0114, 68.3762, 99.5521 looks on a white background.

Color Contrast Check

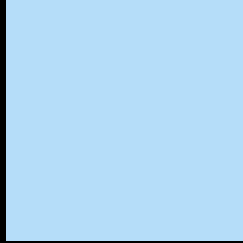
Large Text (above 18pt) WCAG AA × Fail

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 62.0114, 68.3762, 99.5521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

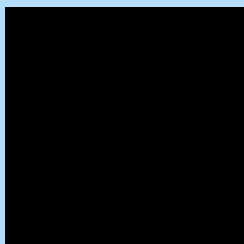
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

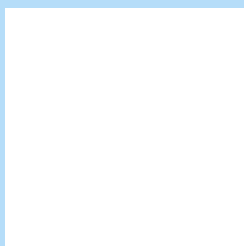
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.0114, 68.3762, 99.5521

Background



This preview shows how black text looks on a background with the XYZ color 62.0114, 68.3762, 99.5521.

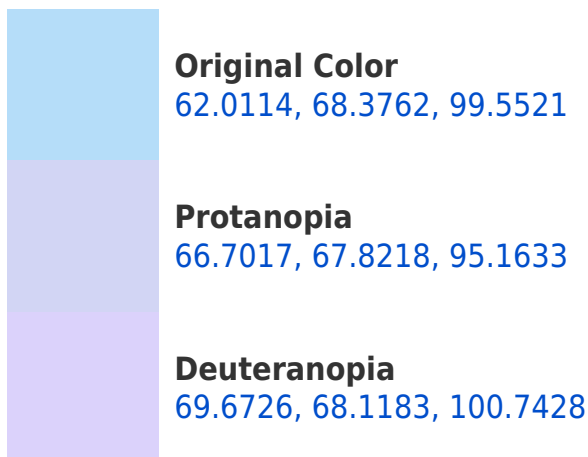


This preview shows how white text looks on a background with the XYZ color 62.0114, 68.3762,

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

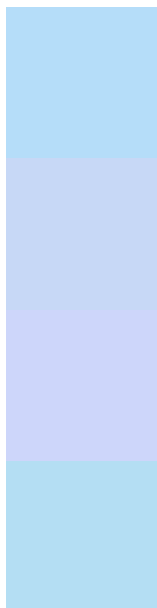




Tritanopia

60.4399, 68.1175, 92.4006

Trichromacy



Original Color

62.0114, 68.3762, 99.5521

Protanomaly

64.7436, 67.9077, 96.8839

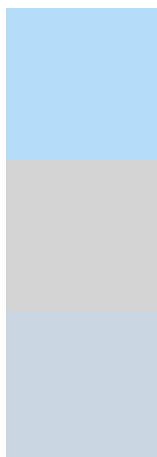
Deuteranomaly

66.4787, 67.9744, 100.0590

Tritanomaly

61.1213, 68.4169, 94.7784

Monochromacy



Original Color

62.0114, 68.3762, 99.5521

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.9784, 66.4546, 80.7946

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.0114, 68.3762, 99.5521 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, 221, 249)` looks like.

```
.text, #text, p{  
    color:rgb(181, 221, 249)  
}
```

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, 221, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 221, 249) }
```

Border

The CSS property to change the border of an element to XYZ 62.0114, 68.3762, 99.5521 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, 221, 249) }
```


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

```
.border{ border-color:rgb(181, 221, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 221, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 221, 249); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 221, 249); box-shadow:4px 4px 4px 4px rgb(181, 221, 249) }
```

Background

The CSS property to change the background color of an element to XYZ 62.0114, 68.3762, 99.5521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 221, 249) }
```

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

```
.background{ background-color: rgb(181,  
221, 249) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor