

Converting Colors

XYZ(62.1599, 67.4906, 97.6338)

Have a look what the booklet for
XYZ(62.1599, 67.4906, 97.6338)
contains.

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Color

**XYZ(62.1096, 67.2973,
97.7118)**

Conversions

Conversions Part 1

Format	Color
Hex	BADAF7
RGB	186, 218, 247
RGB Percent	73%, 85%, 97%
CMY	0.2706, 0.1451, 0.0314
CMYK	0.25, 0.12, 0.00, 0.03
HSL	209°, 79%, 85%
HSV	209°, 25%, 97%
XYZ	62.1096, 67.2973, 97.7118
YIQ	211.7380, -28.3810, 2.2350

Conversions

Conversions Part 2

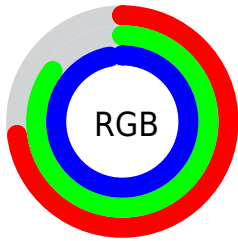
Format	Color
R _Y B	186, 207, 247
Decimal	12245751
CIE Lab	85.65, -4.28, -17.65
CIE LCh	86, 18.157, 256.379
Yxy	67.2973, 0.2735, 0.2963
Android (android.graphics.Color)	4290435831 (0xFFBADAF7)
YUV	211.7380, 17.3842, -22.5722
Hunter-Lab	82.0349, -8.4167, -13.1959

Details

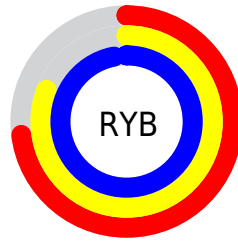
The XYZ color **62.1096, 67.2973, 97.7118** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **71.5219, 71.9206, 56.5685**, and the grayscale version is **62.3088, 65.5537, 71.3880**.

A 20% lighter version of the original color is **90.7721, 97.7947, 108.6998**, and **32.0169, 34.8615, 54.3317** is the 20% darker color. If you saturate the color by 10%, you get **53.6823, 58.5932, 96.4770**, and if you desaturate by 10%, it is **71.7939, 76.9730, 99.0701**.

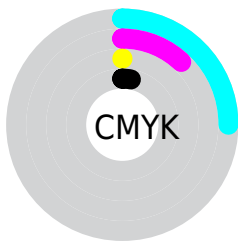
Distribution



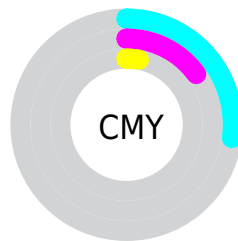
- Red (73%)
- Green (85%)
- Blue (97%)



- Red (73%)
- Yellow (81%)
- Blue (97%)



- Cyan (25%)
- Magenta (12%)
- Yellow (0%)
- Black (3%)



- Cyan (27%)
- Magenta (15%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.1096, 67.2973, 97.7118 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 62.1096, 67.2973, 97.7118 by changing the saturation by 10% instead.

■ 62.1096, 67.2973,
97.7118

■ 62.1096, 67.2973,
97.7118

422.0420,
451.0023, 574.0152

■ 45.3772, 49.3263,
73.7848

■ 106.9730,
115.3463, 160.0334

■ 31.9572, 34.8784,
54.1222

135.8346,
146.1931, 199.2651

■ 21.4842, 23.5692,
38.3055

169.4701,
182.1006, 244.4354

■ 13.5929, 15.0144,
25.9162

208.2447,
223.4531, 295.9629

■ 7.9178, 8.8295,
16.5358

252.5239,
270.6352, 354.2661

■ 4.0938, 4.6301,
9.7456

302.6729,

■ 1.7553, 2.0319,

324.0311, 419.7635

5.1272

359.0571,
384.0254, 492.8737

■ 0.4905, 0.6259,
2.2621

■ 0.0000, 0.0000,
0.7098

■ 62.1096, 67.2973,
97.7118

■ 62.1096, 67.2973,
97.7118

■ 53.6823, 58.5932,
96.4770

■ 71.7939, 76.9730,
99.0701

■ 46.4481, 50.8161,
95.3572

■ 82.7829, 87.6462,
100.5511

■ 40.3463, 43.9297,
94.3496

■ 93.2266, 98.3712,
102.0707

■ 35.3080, 37.8913,
93.4496

■ 93.7887, 99.4955,
102.2581

■ 31.2559, 32.6539,
92.6522

■ 28.1008, 28.1638,
91.9519

■ 25.7339, 24.3572,
91.3418

■ 24.7160, 22.5701,
91.0506

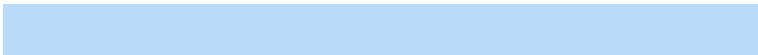
Harmonies

Analogous

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



58.6335, 67.2973, 91.0290



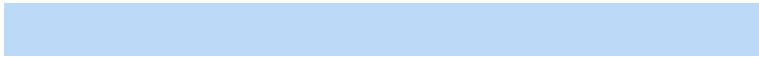
62.1096, 67.2973, 97.7118



66.2327, 67.2973, 97.3685

Triad

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



62.1096, 67.2973, 97.7118



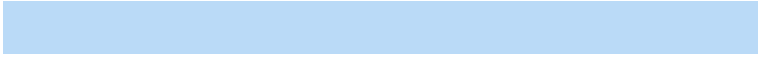
71.9006, 67.2973, 67.0392



58.3785, 67.2973, 58.6602

Complementary

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



62.1096, 67.2973, 97.7118



71.5219, 71.9206, 56.5685

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.



61.7478, 67.2973, 53.5256



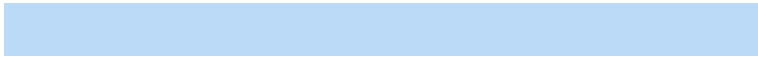
62.1096, 67.2973, 97.7118



69.6083, 67.2973, 57.9945

Square

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



62.1096, 67.2973, 97.7118



72.0078, 67.2973, 78.7705



65.8551, 67.2973, 53.2958



56.5429, 67.2973, 68.0419

Rectangle

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



62.1096, 67.2973, 97.7118



68.7974, 67.2973, 93.1826



65.8551, 67.2973, 53.2958



59.3626, 67.2973, 56.4267

Sweetspot

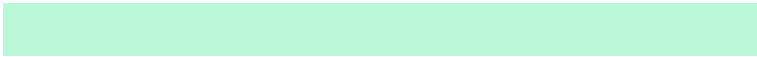
The Sweet Spot groups the original color and five complimentary colors.



62.1117, 67.3000, 97.7133



86.1377, 91.4754, 107.7243



65.7092, 81.8409, 76.2664



18.2797, 19.4276, 23.0364



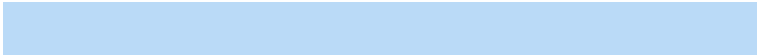
0.0000, 0.0000, 0.0000



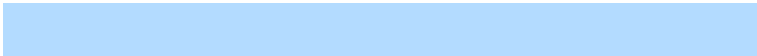
20.3446, 21.4041, 23.3091

Same Dimension

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



62.1117, 67.3000, 97.7133



61.7611, 67.2164, 104.3267



55.0301, 53.1369, 95.3528



16.3007, 17.3656, 21.0353



13.2147, 12.2233, 48.2009



1.2644, 1.2801, 4.2707

Inverse Universe

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



68.5732, 59.9557, 74.2910



69.9981, 58.3953, 74.3475



79.8642, 88.6052, 59.3493



16.8623, 16.6278, 19.0216



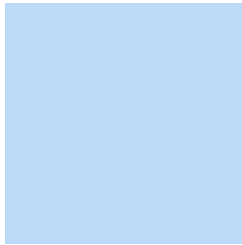
22.4747, 11.3333, 12.4741



2.0272, 1.0169, 1.3699

Previews

White Background



This preview shows how the XYZ color 62.1096, 67.2973, 97.7118 looks on a white background.

Color Contrast Check

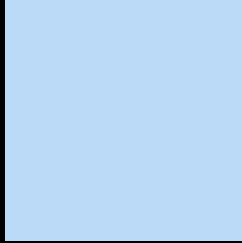
Large Text (above 18pt) WCAG AA × Fail

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 62.1096, 67.2973, 97.7118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

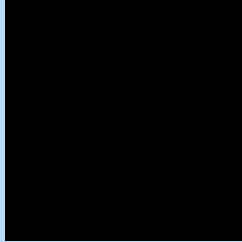
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

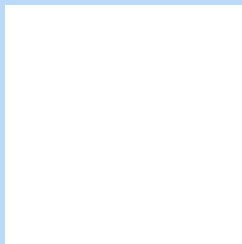
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.1096, 67.2973, 97.7118

Background



This preview shows how black text looks on a background with the XYZ color 62.1096, 67.2973, 97.7118.



This preview shows how white text looks on a background with the XYZ color 62.1096, 67.2973,

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

62.1096, 67.2973, 97.7118

Protanopia

66.0156, 67.1133, 94.2688

Deuteranopia

68.5146, 67.1922, 98.9808



Tritanopia

60.6464, 67.4912, 89.9515

Trichromacy



Original Color

62.1096, 67.2973, 97.7118

Protanomaly

64.4631, 67.0423, 95.1308

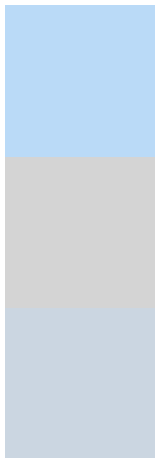
Deuteranomaly

65.9404, 66.9861, 98.2611

Tritanomaly

61.2163, 67.3282, 92.9883

Monochromacy



Original Color

62.1096, 67.2973, 97.7118

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

62.2658, 66.2259, 80.7353

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.1096, 67.2973, 97.7118 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(186, 218, 247)` looks like.

```
.text, #text, p{  
    color:rgb(186, 218, 247)  
}
```

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(186, 218, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 218, 247) }
```

Border

The CSS property to change the border of an element to XYZ 62.1096, 67.2973, 97.7118 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(186, 218, 247) }
```


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

```
.border{ border-color:rgb(186, 218, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 218, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 218, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 218, 247);  
box-shadow:4px 4px 4px 4px rgb(186, 218,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 62.1096, 67.2973, 97.7118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 218, 247) }
```

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

```
.background{ background-color: rgb(186,  
218, 247) }
```

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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