

Converting Colors

XYZ(62.6919, 67.4968,
101.6323)

Have a look what the booklet for
XYZ(62.6919, 67.4968, 101.6323)
contains.

XYZ(62.6497, 67.4854, 101.8194)	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(62.6497, 67.4854,
101.8194)**

Conversions

Conversions Part 1

Format	Color
Hex	B9DAFC
RGB	185, 218, 252
RGB Percent	73%, 85%, 99%
CMY	0.2745, 0.1451, 0.0118
CMYK	0.27, 0.13, 0.00, 0.01
HSL	210°, 92%, 86%
HSV	210°, 27%, 99%
XYZ	62.6497, 67.4854, 101.8194
YIQ	212.0090, -30.5820, 3.5780

Conversions

Conversions Part 2

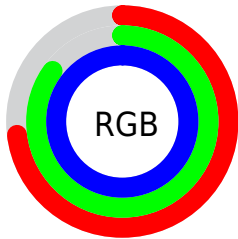
Format	Color
R _{YB}	185, 207, 252
Decimal	12180220
CIE Lab	85.75, -3.43, -20.15
CIE LCh	86, 20.439, 260.340
Yxy	67.4854, 0.2701, 0.2909
Android (android.graphics.Color)	4290370300 (0xFFB9DAFC)
YUV	212.0090, 19.7156, -23.6869
Hunter-Lab	82.1495, -7.6321, -15.9818

Details

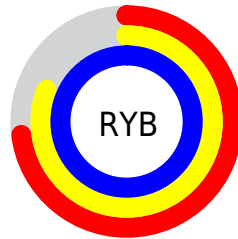
The XYZ color **62.6497, 67.4854, 101.8194** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **74.2342, 74.8618, 56.4380**, and the grayscale version is **62.4747, 65.7283, 71.5781**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **32.3076, 34.9598, 56.6749** is the 20% darker color. If you saturate the color by 10%, you get **53.9120, 58.2482, 100.4981**, and if you desaturate by 10%, it is **72.7248, 77.7952, 103.2795**.

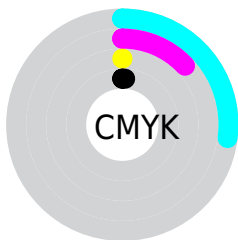
Distribution



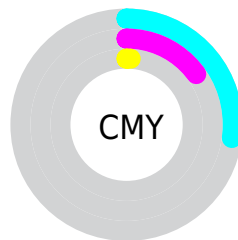
- Red (73%)
- Green (85%)
- Blue (99%)



- Red (73%)
- Yellow (81%)
- Blue (99%)



- Cyan (27%)
- Magenta (13%)
- Yellow (0%)
- Black (1%)



- Cyan (27%)
- Magenta (15%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.6497, 67.4854, 101.8194 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 62.6497, 67.4854, 101.8194 by changing the saturation by 10% instead.

■ 62.6497, 67.4854,
101.8194

■ 62.6497, 67.4854,
101.8194

423.9769,
451.6706, 587.3066

■ 45.8155, 49.4792,
77.1955

■ 107.7486,
115.6157, 165.7288

■ 32.3042, 34.9998,
56.9009

136.7440,
146.5085, 205.8515

■ 21.7507, 23.6627,
40.5168

170.5239,
182.4657, 251.9775

■ 13.7894, 15.0836,
27.6249

209.4535,
223.8716, 304.5254

■ 8.0550, 8.8781,
17.8065

253.8982,
271.1107, 363.9137

■ 4.1823, 4.6617,
10.6432

304.2235,

■ 1.8058, 2.0502,

324.5673, 430.5610

5.7163

360.7946,
384.6258, 504.8858

■ 0.5211, 0.6364,
2.6074

■ 0.0000, 0.0000,
0.8962

■ 62.6497, 67.4854,
101.8194

■ 62.6497, 67.4854,
101.8194

■ 53.9120, 58.2482,
100.4981

■ 72.7248, 77.7952,
103.2795

■ 46.4429, 50.0346,
99.3064

■ 84.1894, 89.2076,
104.8781

■ 40.1764, 42.8034,
98.2409

■ 94.5709, 99.8084,
106.3771

■ 35.0374, 36.5068,
97.2964

■ 30.9414, 31.0917,
96.4671

■ 27.7903, 26.4976,
95.7464

■ 25.4622, 22.6511,
95.1266

■ 24.7946, 21.4757,
94.9349

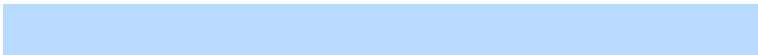
Harmonies

Analogous

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



58.5877, 67.4854, 95.0792



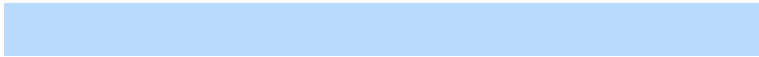
62.6497, 67.4854, 101.8194



67.3108, 67.4854, 100.2893

Triad

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



62.6497, 67.4854, 101.8194



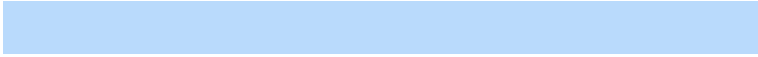
72.9246, 67.4854, 64.9094



57.4836, 67.4854, 58.2766

Complementary

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



62.6497, 67.4854, 101.8194



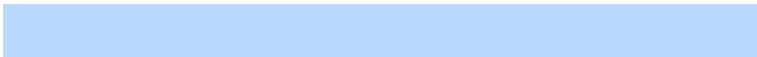
74.2342, 74.8618, 56.4380

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.



61.0759, 67.4854, 51.9328



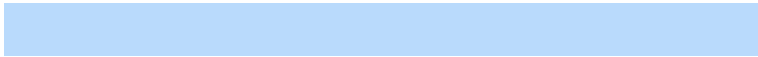
62.6497, 67.4854, 101.8194



70.0385, 67.4854, 55.4280

Square

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



62.6497, 67.4854, 101.8194



73.3962, 67.4854, 77.8748



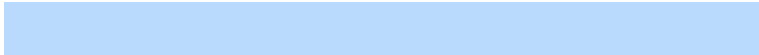
65.6595, 67.4854, 50.9573



55.7019, 67.4854, 69.2540

Rectangle

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



62.6497, 67.4854, 101.8194



70.1250, 67.4854, 94.8469



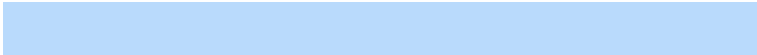
65.6595, 67.4854, 50.9573



58.5110, 67.4854, 55.5905

Sweetspot

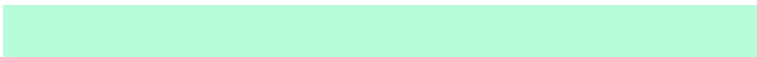
The Sweet Spot groups the original color and five complimentary colors.



62.6518, 67.4881, 101.8209



84.7251, 89.9064, 107.4959



67.5399, 85.0246, 79.5265



17.7419, 18.8554, 22.9543



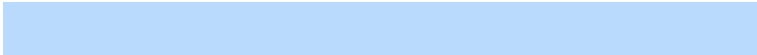
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



62.6518, 67.4881, 101.8209



59.3160, 64.0375, 103.8419



54.9289, 52.0423, 99.2467



16.9891, 18.0550, 21.9748



13.0625, 11.4806, 49.5011



1.3157, 1.2750, 4.6199

Inverse Universe

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



70.1505, 60.4572, 74.3047



68.3461, 56.1351, 70.5794



83.7135, 93.8202, 59.5977



17.6010, 17.3678, 19.7547



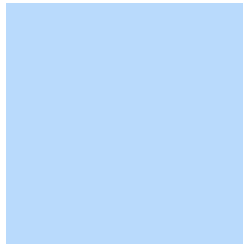
22.8854, 11.5699, 11.3707



2.1730, 1.0929, 1.3345

Previews

White Background



This preview shows how the XYZ color 62.6497, 67.4854, 101.8194 looks on a white background.

Color Contrast Check

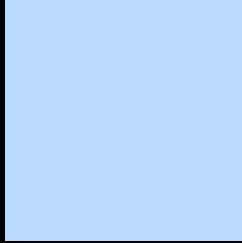
Large Text (above 18pt) WCAG AA × Fail

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 62.6497, 67.4854, 101.8194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

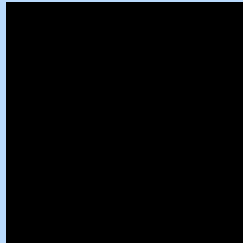
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

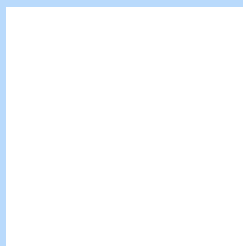
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.6497, 67.4854, 101.8194

Background



This preview shows how black text looks on a background with the XYZ color 62.6497, 67.4854, 101.8194.



This preview shows how white text looks on a background with the XYZ color 62.6497, 67.4854,

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

62.6497, 67.4854, 101.8194

Protanopia

66.2189, 67.1297, 98.2741

Deuteranopia

68.7142, 67.2038, 103.1159



Tritanopia

60.3172, 67.3045, 90.7009

Trichromacy



Original Color

62.6497, 67.4854, 101.8194

Protanomaly

64.6986, 67.0748, 99.1593

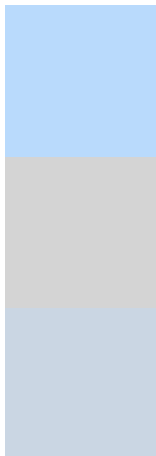
Deuteranomaly

66.1749, 67.0162, 102.3761

Tritanomaly

61.0376, 67.2014, 94.5482

Monochromacy



Original Color

62.6497, 67.4854, 101.8194

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

62.2688, 66.1957, 82.1682

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.6497, 67.4854, 101.8194 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(185, 218, 252)` looks like.

```
.text, #text, p{  
    color:rgb(185, 218, 252)  
}
```

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(185, 218, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 218, 252) }
```

Border

The CSS property to change the border of an element to XYZ 62.6497, 67.4854, 101.8194 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(185, 218, 252) }
```


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

```
.border{ border-color:rgb(185, 218, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 218, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 218, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 218, 252);  
box-shadow:4px 4px 4px 4px rgb(185, 218,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 62.6497, 67.4854, 101.8194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 218, 252) }
```

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

```
.background{ background-color: rgb(185,  
218, 252) }
```

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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