

Converting Colors

XYZ(61.6530, 66.5180, 97.5223)

Have a look what the booklet for
XYZ(61.6530, 66.5180, 97.5223)
contains.

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Color

**XYZ(61.8511, 66.7802,
97.6257)**

Conversions

Conversions Part 1

Format	Color
Hex	BAD9F7
RGB	186, 217, 247
RGB Percent	73%, 85%, 97%
CMY	0.2706, 0.1490, 0.0314
CMYK	0.25, 0.12, 0.00, 0.03
HSL	210°, 79%, 85%
HSV	210°, 25%, 97%
XYZ	61.8511, 66.7802, 97.6257
YIQ	211.1510, -28.1060, 2.7580

Conversions

Conversions Part 2

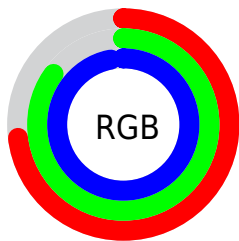
Format	Color
R _{YB}	186, 207, 247
Decimal	12245495
CIE Lab	85.39, -3.75, -18.04
CIE LCh	85, 18.426, 258.246
Yxy	66.7802, 0.2734, 0.2952
Android (android.graphics.Color)	4290435575 (0xFFBAD9F7)
YUV	211.1510, 17.6736, -22.0574
Hunter-Lab	81.7192, -7.9065, -13.6273

Details

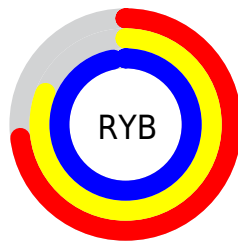
The XYZ color **61.8511, 66.7802, 97.6257** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **71.7775, 72.4317, 56.6538**, and the grayscale version is **61.9185, 65.1431, 70.9408**.

A 20% lighter version of the original color is **90.7721, 97.7947, 108.6998**, and **31.8400, 34.5078, 54.2727** is the 20% darker color. If you saturate the color by 10%, you get **53.3450, 57.9185, 96.3647**, and if you desaturate by 10%, it is **71.6289, 76.6429, 99.0152**.

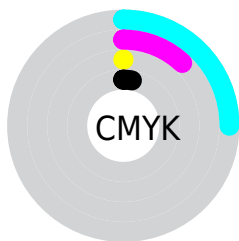
Distribution



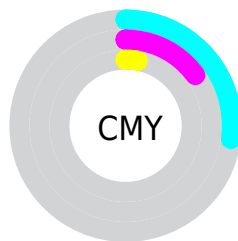
- Red (73%)
- Green (85%)
- Blue (97%)



- 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 61.8511, 66.7802, 97.6257 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 61.8511, 66.7802, 97.6257 by changing the saturation by 10% instead.

■ 61.8511, 66.7802,
97.6257

■ 61.8511, 66.7802,
97.6257

421.1140,
449.1620, 573.7348

■ 45.1675, 48.9060,
73.7134

■ 106.6015,
114.6054, 159.9138

■ 31.7913, 34.5449,
54.0641

135.3990,
145.3252, 199.1267

■ 21.3569, 23.3125,
38.2594

168.9652,
181.0957, 244.2767

■ 13.4991, 14.8245,
25.8807

207.6654,
222.3013, 295.7826

■ 7.8525, 8.6963,
16.5094

251.8650,
269.3263, 354.0628

■ 4.0517, 4.5436,
9.7271

301.9294,

■ 1.7314, 1.9821,

322.5551, 419.5359

5.1152

358.2240,
382.3722, 492.6204

■ 0.4758, 0.5970,
2.2551

■ 0.0000, 0.0000,
0.7059

■ 61.8511, 66.7802,
97.6257

■ 61.8511, 66.7802,
97.6257

■ 53.3450, 57.9185,
96.3647

■ 71.6289, 76.6429,
99.0152

■ 46.0463, 50.0124,
95.2233

■ 82.7266, 87.5335,
100.5323

■ 39.8938, 43.0245,
94.1988

■ 93.2946, 98.5072,
102.0935

■ 34.8179, 36.9110,
93.2863

■ 93.7887, 99.4955,
102.2582

■ 30.7408, 31.6236,
92.4806

■ 27.5727, 27.1077,
91.7759

■ 25.2043, 23.2980,
91.1654

■ 24.1900, 21.5181,
90.8753

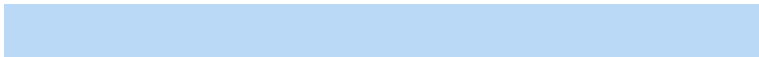
Harmonies

Analogous

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



58.2749, 66.7802, 91.2492



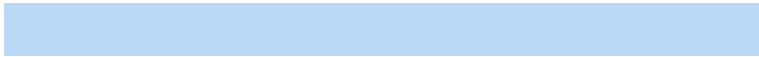
61.8511, 66.7802, 97.6257



66.0196, 66.7802, 96.8078

Triad

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



61.8511, 66.7802, 97.6257



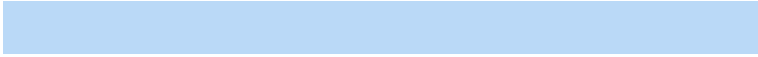
71.4067, 66.7802, 65.7484



57.6697, 66.7802, 58.4503

Complementary

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



61.8511, 66.7802, 97.6257



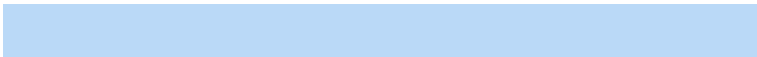
71.7775, 72.4317, 56.6538

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.



60.9920, 66.7802, 52.9887



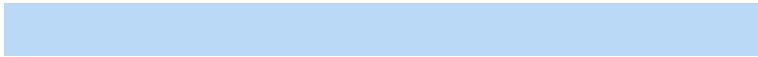
61.8511, 66.7802, 97.6257



68.9705, 66.7802, 56.8730

Square

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



61.8511, 66.7802, 97.6257



71.6615, 66.7802, 77.4975



65.1221, 66.7802, 52.4448



55.9325, 66.7802, 68.1282

Rectangle

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



61.8511, 66.7802, 97.6257



68.5733, 66.7802, 92.3059



65.1221, 66.7802, 52.4448



58.6313, 66.7802, 56.1083

Sweetspot

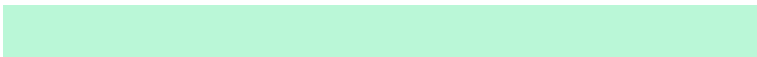
The Sweet Spot groups the original color and five complimentary colors.



61.8532, 66.7829, 97.6272



86.0485, 91.2970, 107.6946



65.8399, 81.8932, 76.9545



18.2590, 19.3863, 23.0295



0.0000, 0.0000, 0.0000



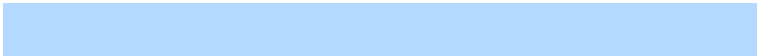
20.3446, 21.4041, 23.3091

Same Dimension

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



61.8532, 66.7829, 97.6272



61.4358, 66.5658, 104.2182



54.8137, 52.7041, 95.2808



16.2774, 17.3191, 21.0276



12.9358, 11.6653, 48.1079



1.2398, 1.2310, 4.2625

Inverse Universe

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



68.4428, 59.9036, 73.6037



69.8339, 58.3297, 73.4828



80.1727, 89.2220, 59.4522



16.8506, 16.6231, 18.9598



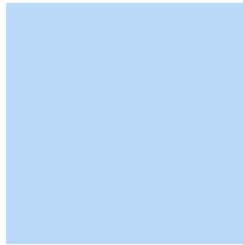
22.3339, 11.2770, 11.7325



2.0148, 1.0119, 1.3046

Previews

White Background



This preview shows how the XYZ color 61.8511, 66.7802, 97.6257 looks on a white background.

Color Contrast Check

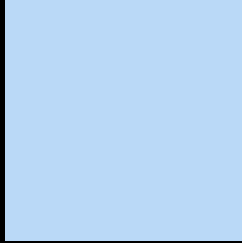
Large Text (above 18pt) WCAG AA × Fail

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 61.8511, 66.7802, 97.6257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

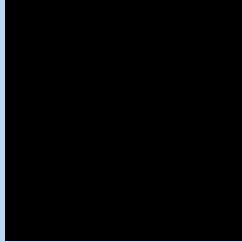
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

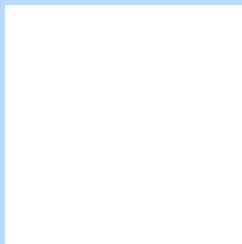
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.8511, 66.7802, 97.6257

Background



This preview shows how black text looks on a background with the XYZ color 61.8511, 66.7802, 97.6257.



This preview shows how white text looks on a background with the XYZ color 61.8511, 66.7802,

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

61.8511, 66.7802, 97.6257

Protanopia

65.4844, 66.4695, 94.1725

Deuteranopia

67.9737, 66.5502, 98.8854



Tritanopia

60.2390, 66.9095, 89.0968

Trichromacy



Original Color

61.8511, 66.7802, 97.6257

Protanomaly

63.9428, 66.3995, 95.0342

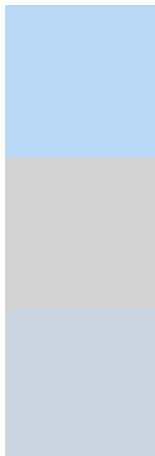
Deuteranomaly

65.4144, 66.3450, 98.1651

Tritanomaly

60.8072, 66.7484, 92.1169

Monochromacy



Original Color

61.8511, 66.7802, 97.6257

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.6059, 65.5269, 79.9220

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.8511, 66.7802, 97.6257 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, 217, 247)` looks like.

```
.text, #text, p{  
    color:rgb(186, 217, 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, 217, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 217, 247) }
```

Border

The CSS property to change the border of an element to XYZ 61.8511, 66.7802, 97.6257 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, 217, 247) }
```


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

```
.border{ border-color:rgb(186, 217, 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, 217, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 217, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 217, 247);  
box-shadow:4px 4px 4px 4px rgb(186, 217,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 61.8511, 66.7802, 97.6257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 217, 247) }
```

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

```
.background{ background-color: rgb(186,  
217, 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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