

Converting Colors

XYZ(61.3634, 66.9576, 99.1761)

Have a look what the booklet for
XYZ(61.3634, 66.9576, 99.1761)
contains.

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Color

**XYZ(61.2263, 66.8061,
99.2904)**

Conversions

Conversions Part 1

Format	Color
Hex	B5DAF9
RGB	181, 218, 249
RGB Percent	71%, 85%, 98%
CMY	0.2902, 0.1451, 0.0235
CMYK	0.27, 0.12, 0.00, 0.02
HSL	207°, 85%, 84%
HSV	207°, 27%, 98%
XYZ	61.2263, 66.8061, 99.2904
YIQ	210.4710, -32.0030, 1.7970

Conversions

Conversions Part 2

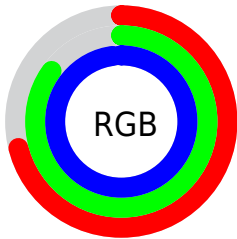
Format	Color
R _Y B	181, 205, 249
Decimal	11918073
CIE Lab	85.41, -5.27, -19.11
CIE LCh	85, 19.822, 254.569
Yxy	66.8061, 0.2693, 0.2939
Android (android.graphics.Color)	4290108153 (0xFFB5DAF9)
YUV	210.4710, 18.9948, -25.8461
Hunter-Lab	81.7350, -9.3249, -14.8101

Details

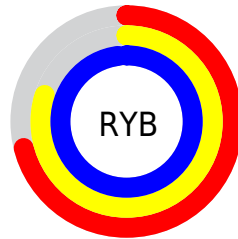
The XYZ color **61.2263, 66.8061, 99.2904** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **70.9517, 70.5633, 53.5982**, and the grayscale version is **61.4638, 64.6647, 70.4198**.

A 20% lighter version of the original color is **89.0699, 96.9171, 108.6201**, and **31.4752, 34.5567, 55.4633** is the 20% darker color. If you saturate the color by 10%, you get **53.0583, 58.3758, 98.0948**, and if you desaturate by 10%, it is **70.6435, 76.1829, 100.6051**.

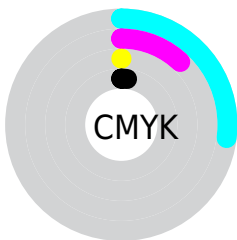
Distribution



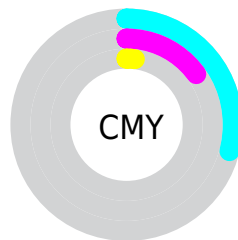
- Red (71%)
- Green (85%)
- Blue (98%)



- Red (71%)
- Yellow (80%)
- Blue (98%)



- Cyan (27%)
- Magenta (12%)
- Yellow (0%)
- Black (2%)



- Cyan (29%)
- Magenta (15%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.2263, 66.8061, 99.2904 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 61.2263, 66.8061, 99.2904 by changing the saturation by 10% instead.

■ 61.2263, 66.8061,
99.2904

■ 61.2263, 66.8061,
99.2904

418.8659,
449.2543, 579.1425

■ 44.6611, 48.9271,
75.0945

■ 105.7028,
114.6425, 162.2251

■ 31.3907, 34.5616,
55.1881

134.3448,
145.3687, 201.8009

■ 21.0498, 23.3254,
39.1527

167.7430,
181.1461, 247.3404

■ 13.2731, 14.8340,
26.5698

206.2629,
222.3590, 299.2621

■ 7.6952, 8.7029,
17.0208

250.2698,
269.3919, 357.9847

■ 3.9507, 4.5479,
10.0872

300.1290,

■ 1.6743, 1.9845,

322.6291, 423.9266

5.3505

356.2059,
382.4551, 497.5063

■ 0.4401, 0.5985,
2.3920

■ 0.0000, 0.0000,
0.7821

■ 61.2263, 66.8061,
99.2904

■ 61.2263, 66.8061,
99.2904

■ 53.0583, 58.3758,
98.0948

■ 70.6435, 76.1829,
100.6051

■ 46.0736, 50.8472,
97.0098

■ 81.3589, 86.5324,
102.0380

■ 40.2095, 44.1834,
96.0326

■ 93.1672, 97.7559,
103.5820

■ 35.3942, 38.3412,
95.1588

■ 94.0991, 99.6196,
103.8926

■ 31.5469, 33.2723,
94.3831

■ 28.5728, 28.9211,
93.7000

■ 26.3504, 25.2178,
93.1023

■ 25.8321, 24.3057,
92.9536

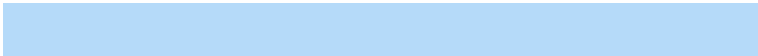
Harmonies

Analogous

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



57.5397, 66.8061, 91.5206



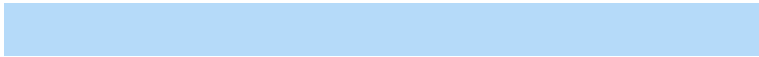
61.2263, 66.8061, 99.2904



65.6951, 66.8061, 99.4089

Triad

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



61.2263, 66.8061, 99.2904



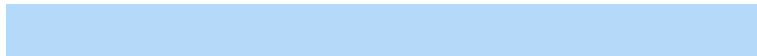
72.2304, 66.8061, 66.6928



57.6257, 66.8061, 56.5005

Complementary

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



61.2263, 66.8061, 99.2904



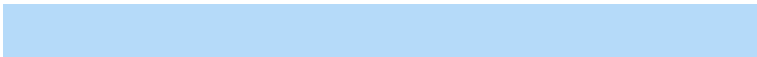
70.9517, 70.5633, 53.5982

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.



61.3488, 66.8061, 51.3269



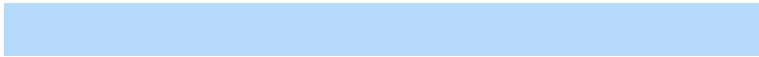
61.2263, 66.8061, 99.2904



69.8524, 66.8061, 56.7231

Square

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



61.2263, 66.8061, 99.2904



72.1938, 66.8061, 79.5238



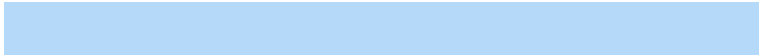
65.8236, 66.8061, 51.4032



55.5287, 66.8061, 66.3543

Rectangle

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



61.2263, 66.8061, 99.2904



68.5260, 66.8061, 95.0739



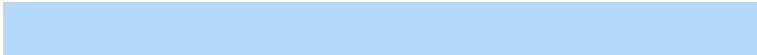
65.8236, 66.8061, 51.4032



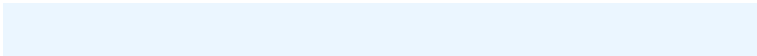
58.7206, 66.8061, 54.2109

Sweetspot

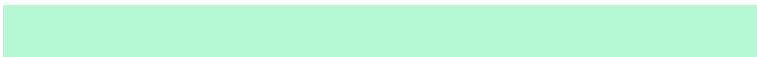
The Sweet Spot groups the original color and five complimentary colors.



61.2284, 66.8088, 99.2919



85.0438, 90.5437, 107.6021



64.7664, 82.3097, 74.4984



17.8221, 19.0158, 22.9810



0.0000, 0.0000, 0.0000



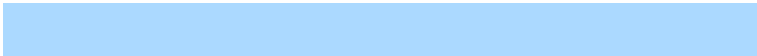
20.3446, 21.4041, 23.3091

Same Dimension

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



61.2284, 66.8088, 99.2919



59.5321, 65.3015, 104.0745



53.3802, 51.1124, 96.6759



17.0657, 18.2083, 22.0004



13.9713, 13.2983, 49.8040



1.4000, 1.4436, 4.6480

Inverse Universe

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



68.2473, 58.2511, 73.9792



68.2522, 55.3202, 72.4811



80.2429, 89.1456, 56.6953



17.6397, 17.3832, 19.9585



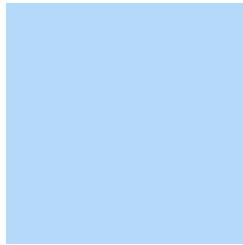
23.3441, 11.7534, 13.7864



2.2156, 1.1100, 1.5586

Previews

White Background



This preview shows how the XYZ color 61.2263, 66.8061, 99.2904 looks on a white background.

Color Contrast Check

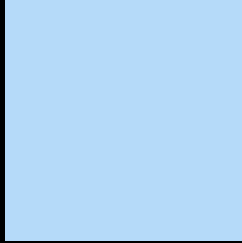
Large Text (above 18pt) WCAG AA × Fail

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 61.2263, 66.8061, 99.2904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

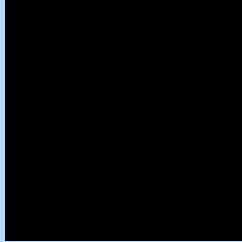
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

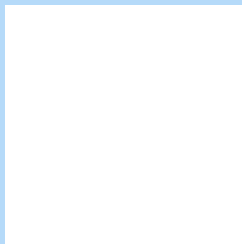
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.2263, 66.8061, 99.2904

Background



This preview shows how black text looks on a background with the XYZ color 61.2263, 66.8061, 99.2904.



This preview shows how white text looks on a background with the XYZ color 61.2263, 66.8061,

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

61.2263, 66.8061, 99.2904

Protanopia

65.5078, 66.4465, 95.7590

Deuteranopia

67.9928, 66.5239, 100.5236



Tritanopia

59.6162, 66.9432, 90.6681

Trichromacy



Original Color

61.2263, 66.8061, 99.2904

Protanomaly

63.9698, 66.7527, 96.7018

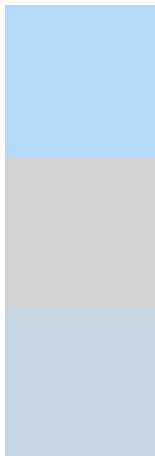
Deuteranomaly

65.4274, 66.6856, 99.8657

Tritanomaly

60.1809, 66.7771, 93.7218

Monochromacy



Original Color

61.2263, 66.8061, 99.2904

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.8020, 65.1124, 79.8844

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2263, 66.8061, 99.2904 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, 218, 249)` looks like.

```
.text, #text, p{  
    color:rgb(181, 218, 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, 218, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 218, 249) }
```

Border

The CSS property to change the border of an element to XYZ 61.2263, 66.8061, 99.2904 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, 218, 249) }
```


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

```
.border{ border-color:rgb(181, 218, 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, 218, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 218, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 218, 249);  
box-shadow:4px 4px 4px 4px rgb(181, 218,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2263, 66.8061, 99.2904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 218, 249) }
```

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

```
.background{ background-color: rgb(181,  
218, 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](#).

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