

Converting Colors

XYZ(62.7894, 66.0580,
110.0858)

Have a look what the booklet for
XYZ(62.7894, 66.0580, 110.0858)
contains.

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Color

**XYZ(61.6418, 65.7660,
104.0530)**

Conversions

Conversions Part 1

Format	Color
Hex	B6D7FF
RGB	182, 215, 255
RGB Percent	71%, 84%, 100%
CMY	0.2863, 0.1568, 0.0000
CMYK	0.29, 0.16, 0.00, 0.00
HSL	213°, 100%, 86%
HSV	213°, 29%, 100%
XYZ	61.6418, 65.7660, 104.0530
YIQ	209.6930, -32.5080, 5.4440

Conversions

Conversions Part 2

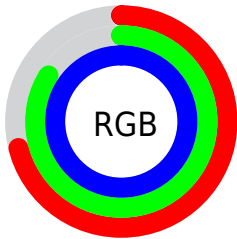
Format	Color
R _Y B	182, 205, 255
Decimal	11982847
CIE Lab	84.88, -2.02, -23.07
CIE LCh	85, 23.160, 264.998
Yxy	65.7660, 0.2663, 0.2841
Android (android.graphics.Color)	4290172927 (0xFFB6D7FF)
YUV	209.6930, 22.3364, -24.2868
Hunter-Lab	81.0962, -6.2394, -19.3065

Details

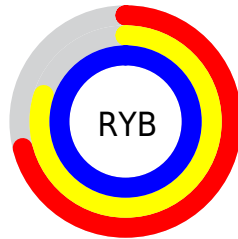
The XYZ color **61.6418, 65.7660, 104.0530** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **75.8047, 76.8794, 55.1015**, and the grayscale version is **60.9324, 64.1057, 69.8111**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **31.5162, 33.7309, 58.2757** is the 20% darker color. If you saturate the color by 10%, you get **52.7521, 56.1267, 102.6609**, and if you desaturate by 10%, it is **71.9356, 76.5833, 105.5984**.

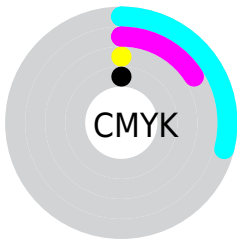
Distribution



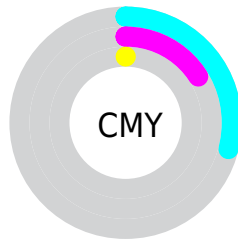
- Red (71%)
- Green (84%)
- Blue (100%)



- Red (71%)
- Yellow (80%)
- Blue (100%)



- Cyan (29%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (29%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.6418, 65.7660, 104.0530 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 61.6418, 65.7660, 104.0530 by changing the saturation by 10% instead.

■ 61.6418, 65.7660,
104.0530

■ 61.6418, 65.7660,
104.0530

420.3617,
445.5396, 594.4676

■ 44.9978, 48.0825,
79.0540

■ 106.3005,
113.1504, 168.8161

■ 31.6570, 33.8922,
58.4186

135.0460,
143.6201, 209.4174

■ 21.2539, 22.8108,
41.7284

168.5560,
179.1206, 256.0564

■ 13.4232, 14.4539,
28.5647

207.1959,
220.0363, 309.1518

■ 7.7996, 8.4370,
18.5090

251.3311,
266.7517, 369.1220

■ 4.0177, 4.3758,
11.1428

301.3269,

■ 1.7122, 1.8859,

319.6511, 436.3857

6.0476

357.5486,
379.1189, 511.3614

■ 0.4639, 0.5399,
2.8048

■ 0.0000, 0.0000,
0.9958

■ 61.6418, 65.7660,
104.0530

■ 61.6418, 65.7660,
104.0530

■ 52.7521, 56.1267,
102.6609

■ 71.9356, 76.5833,
105.5984

■ 45.1938, 47.6121,
101.4158

■ 83.6902, 88.6140,
107.3010

■ 38.8957, 40.1752,
100.3123

95.0500, 100.0000,
108.9000

■ 33.7769, 33.7624,
99.3443

■ 29.7462, 28.3137,
98.5050

■ 26.6965, 23.7607,
97.7870

■ 24.4788, 20.0125,
97.1804

■ 24.2131, 19.5462,
97.1044

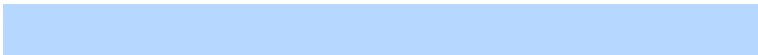
Harmonies

Analogous

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



56.9524, 65.7660, 97.6894



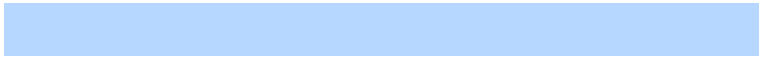
61.6418, 65.7660, 104.0530



66.8254, 65.7660, 100.7895

Triad

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



61.6418, 65.7660, 104.0530



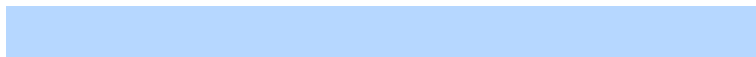
72.0055, 65.7660, 60.1867



54.6784, 65.7660, 56.4207

Complementary

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



61.6418, 65.7660, 104.0530



75.8047, 76.8794, 55.1015

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.



58.3818, 65.7660, 48.6845



61.6418, 65.7660, 104.0530



68.4149, 65.7660, 50.6385

Square

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



61.6418, 65.7660, 104.0530



72.9964, 65.7660, 74.1311



63.3835, 65.7660, 46.7237



53.0768, 65.7660, 69.1428

Rectangle

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



61.6418, 65.7660, 104.0530



69.8407, 65.7660, 93.8009



63.3835, 65.7660, 46.7237



55.7085, 65.7660, 53.2246

Sweetspot

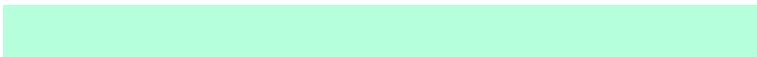
The Sweet Spot groups the original color and five complimentary colors.



61.6437, 65.7685, 104.0534



83.2239, 88.1420, 107.2345



68.0946, 86.6824, 81.5034



17.4291, 18.4763, 22.8976



0.0000, 0.0000, 0.0000



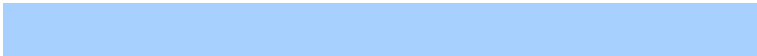
20.3446, 21.4041, 23.3091

Same Dimension

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



61.6437, 65.7685, 104.0534



56.6957, 60.4443, 103.2865



54.6504, 50.9214, 101.5562



17.6793, 18.7302, 22.9334



12.7964, 10.5023, 50.7873



1.3533, 1.2373, 4.9808

Inverse Universe

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



70.2349, 59.6236, 72.0996



66.6214, 53.9055, 66.2436



84.5543, 95.6989, 58.2729



18.3508, 18.1236, 20.4644



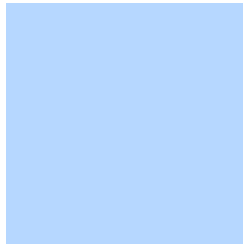
23.2472, 11.7882, 9.9522



2.3177, 1.1695, 1.2544

Previews

White Background



This preview shows how the XYZ color 61.6418, 65.7660, 104.0530 looks on a white background.

Color Contrast Check

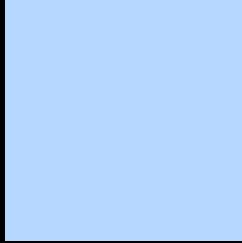
Large Text (above 18pt) WCAG AA × Fail

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 61.6418, 65.7660, 104.0530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

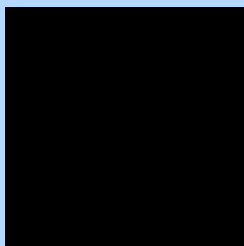
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

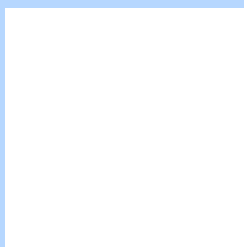
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.6418, 65.7660, 104.0530

Background



This preview shows how black text looks on a background with the XYZ color 61.6418, 65.7660, 104.0530.



This preview shows how white text looks on a background with the XYZ color 61.6418, 65.7660,

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

61.6418, 65.7660, 104.0530

Protanopia

65.0878, 65.7547, 100.5282

Deuteranopia

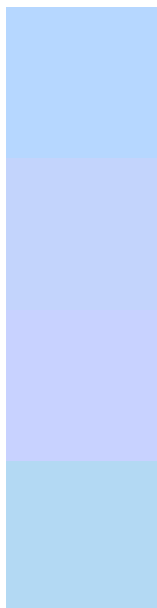
66.9412, 65.5473, 103.7315



Tritanopia

58.5718, 65.6639, 88.9442

Trichromacy



Original Color

61.6418, 65.7660, 104.0530

Protanomaly

63.6198, 65.7173, 101.4271

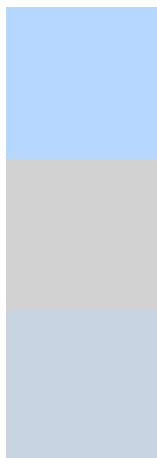
Deuteranomaly

64.9160, 65.5925, 103.8469

Tritanomaly

59.5809, 65.6805, 94.3314

Monochromacy



Original Color

61.6418, 65.7660, 104.0530

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

61.0904, 64.8573, 81.2504

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6418, 65.7660, 104.0530 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(182, 215, 255)` looks like.

```
.text, #text, p{  
    color:rgb(182, 215, 255)  
}
```

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(182, 215, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 215, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.6418, 65.7660, 104.0530 is called "border". The border property can be set on classes, ids or directly on the HTML element.

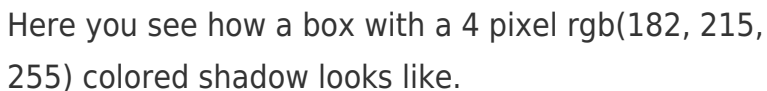
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(182, 215, 255) }
```


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

```
.border{ border-color:rgb(182, 215, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(182, 215, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 215, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 215, 255);  
box-shadow:4px 4px 4px 4px rgb(182, 215,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6418, 65.7660, 104.0530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 215, 255) }
```

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

```
.background{ background-color: rgb(182,  
215, 255) }
```

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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