

Converting Colors

XYZ(61.4714, 68.2836,
104.5479)

Have a look what the booklet for
XYZ(61.4714, 68.2836, 104.5479)
contains.

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Color

**XYZ(61.6268, 68.4612,
104.5740)**

Conversions

Conversions Part 1

Format	Color
Hex	AEDEFF
RGB	174, 222, 255
RGB Percent	68%, 87%, 100%
CMY	0.3176, 0.1294, 0.0000
CMYK	0.32, 0.13, 0.00, 0.00
HSL	204°, 100%, 84%
HSV	204°, 32%, 100%
XYZ	61.6268, 68.4612, 104.5740
YIQ	211.4100, -39.2010, 0.0870

Conversions

Conversions Part 2

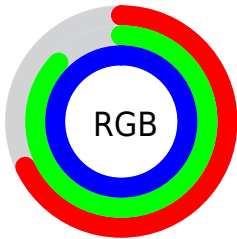
Format	Color
RYB	174, 204, 255
Decimal	11460351
CIELab	86.24, -7.91, -21.06
CIELCh	86, 22.495, 249.399
Yxy	68.4612, 0.2626, 0.2917
Android (android.graphics.Color)	4289650431 (0xFFAEDEFF)
YUV	211.4100, 21.4899, -32.8086
Hunter-Lab	82.7413, -11.8481, -17.0158

Details

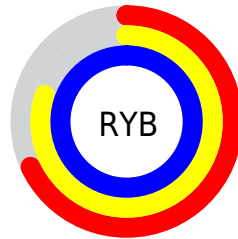
The XYZ color **61.6268, 68.4612, 104.5740** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **71.1930, 68.9415, 49.6009**, and the grayscale version is **62.0704, 65.3029, 71.1148**.

A 20% lighter version of the original color is **86.7650, 95.7289, 108.5123**, and **31.6195, 35.6366, 58.6381** is the 20% darker color. If you saturate the color by 10%, you get **53.8016, 60.4582, 103.4417**, and if you desaturate by 10%, it is **70.7041, 77.3654, 105.8142**.

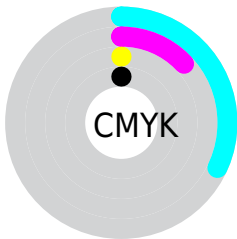
Distribution



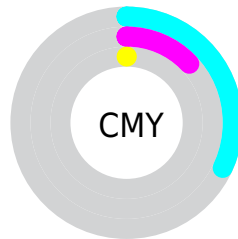
- Red (68%)
- Green (87%)
- Blue (100%)



- Red (68%)
- Yellow (80%)
- Blue (100%)



- Cyan (32%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (32%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.6268, 68.4612, 104.5740 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 61.6268, 68.4612, 104.5740 by changing the saturation by 10% instead.

■ 61.6268, 68.4612,
104.5740

■ 61.6268, 68.4612,
104.5740

420.3078,
455.1283, 596.1314

■ 44.9857, 50.2730,
79.4878

■ 106.2790,
117.0117, 169.5353

■ 31.6474, 35.6304,
58.7733

135.0207,
148.1428, 210.2476

■ 21.2465, 24.1489,
42.0119

168.5267,
184.3570, 257.0056

■ 13.4178, 15.4441,
28.7849

207.1623,
226.0387, 310.2280

■ 7.7959, 9.1317,
18.6740

251.2928,
273.5723, 370.3332

■ 4.0153, 4.8272,
11.2605

301.2837,

■ 1.7108, 2.1462,

327.3422, 437.7398

6.1260

357.5002,
387.7327, 512.8663

■ 0.4630, 0.6904,
2.8518

■ 0.0000, 0.0000,
1.0195

■ 61.6268, 68.4612,
104.5740

■ 61.6268, 68.4612,
104.5740

■ 53.8016, 60.4582,
103.4417

■ 70.7041, 77.3654,
105.8142

■ 47.1587, 53.3109,
102.4122

■ 81.0873, 87.1978,
107.1648

■ 41.6295, 46.9810,
101.4819

■ 92.8334, 97.9940,
108.6296

■ 37.1354, 41.4232,
100.6460

■ 95.0500, 100.0000,
108.9000

■ 33.5862, 36.5860,
99.8994

■ 30.8740, 32.4088,
99.2360

■ 29.1359, 29.3917,
98.7453

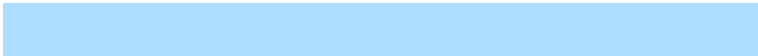
Harmonies

Analogous

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



57.6699, 68.4612, 94.1632



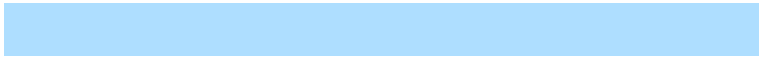
61.6268, 68.4612, 104.5740



66.7113, 68.4612, 106.3912

Triad

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



61.6268, 68.4612, 104.5740



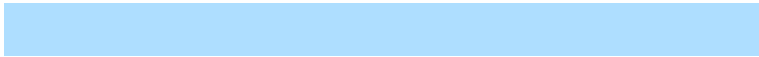
75.4046, 68.4612, 69.9784



58.9482, 68.4612, 54.5932

Complementary

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



61.6268, 68.4612, 104.5740



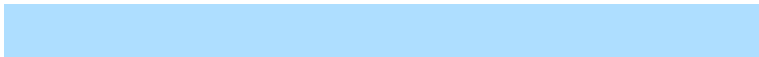
71.1930, 68.9415, 49.6009

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.



63.4565, 68.4612, 49.7836



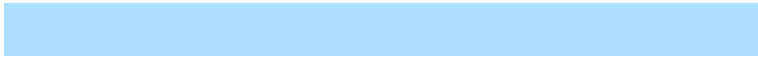
61.6268, 68.4612, 104.5740



73.0782, 68.4612, 57.8564

Square

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



61.6268, 68.4612, 104.5740



74.8506, 68.4612, 85.0415



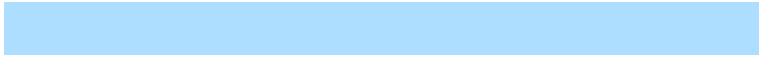
68.6398, 68.4612, 50.8933



56.1814, 68.4612, 64.9455

Rectangle

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



61.6268, 68.4612, 104.5740



70.0855, 68.4612, 102.2724



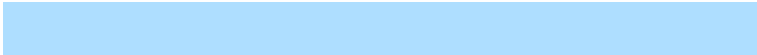
68.6398, 68.4612, 50.8933



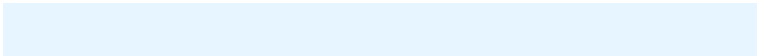
60.3003, 68.4612, 52.3414

Sweetspot

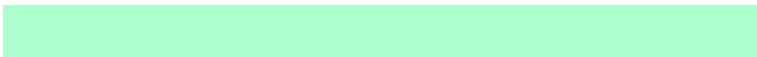
The Sweet Spot groups the original color and five complimentary colors.



61.6287, 68.4638, 104.5744



83.0580, 89.0307, 107.4147



64.4058, 84.9949, 71.6601



17.4409, 18.7430, 22.9485



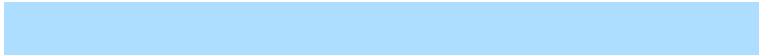
0.0000, 0.0000, 0.0000



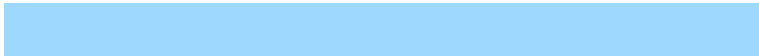
20.3446, 21.4041, 23.3091

Same Dimension

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



61.6287, 68.4638, 104.5744



56.6047, 63.3682, 103.8556



52.2554, 49.7172, 101.4500



17.8980, 19.1676, 23.0063



15.3746, 15.6588, 51.6467



1.6044, 1.7395, 5.0645

Inverse Universe

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



69.5621, 56.8076, 76.4088



65.8173, 50.6812, 70.9580



82.1106, 90.7767, 53.2402



18.4612, 18.1678, 21.0456



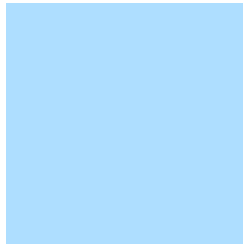
24.5486, 12.3087, 16.8052



2.4444, 1.2201, 1.9218

Previews

White Background



This preview shows how the XYZ color 61.6268, 68.4612, 104.5740 looks on a white background.

Color Contrast Check

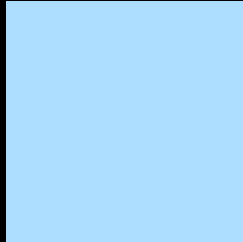
Large Text (above 18pt) WCAG AA × Fail

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 61.6268, 68.4612, 104.5740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

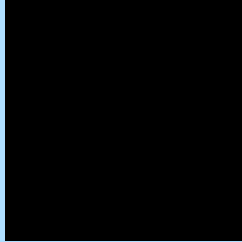
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

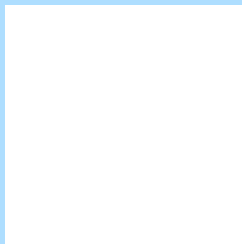
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.6268, 68.4612, 104.5740

Background



This preview shows how black text looks on a background with the XYZ color 61.6268, 68.4612, 104.5740.



This preview shows how white text looks on a background with the XYZ color 61.6268, 68.4612,

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

61.6268, 68.4612, 104.5740

Protanopia

67.1876, 67.9834, 99.2035

Deuteranopia

69.3686, 68.2556, 104.1263



Tritanopia

59.4773, 68.3800, 94.0683

Trichromacy



Original Color

61.6268, 68.4612, 104.5740

Protanomaly

64.7334, 67.8125, 100.9441

Deuteranomaly

66.1699, 68.1002, 104.2649

Tritanomaly

60.1894, 68.2614, 97.9991

Monochromacy



Original Color

61.6268, 68.4612, 104.5740

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.4543, 66.1527, 82.2028

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6268, 68.4612, 104.5740 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(174, 222, 255)` looks like.

```
.text, #text, p{  
    color:rgb(174, 222, 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(174, 222, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 222, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.6268, 68.4612, 104.5740 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(174, 222, 255) }
```


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

```
.border{ border-color:rgb(174, 222, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 222, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 222, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 222, 255);  
box-shadow:4px 4px 4px 4px rgb(174, 222,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6268, 68.4612, 104.5740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 222, 255) }
```

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

```
.background{ background-color: rgb(174,  
222, 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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