

Converting Colors

XYZ(60.6996, 68.4624,
104.6577)

Have a look what the booklet for
XYZ(60.6996, 68.4624, 104.6577)
contains.

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Color

**XYZ(60.5861, 68.3202,
104.6016)**

Conversions

Conversions Part 1

Format	Color
Hex	A8DFFF
RGB	168, 223, 255
RGB Percent	66%, 87%, 100%
CMY	0.3412, 0.1255, 0.0000
CMYK	0.34, 0.13, 0.00, 0.00
HSL	202°, 100%, 83%
HSV	202°, 34%, 100%
XYZ	60.5861, 68.3202, 104.6016
YIQ	210.2030, -43.0520, -1.7080

Conversions

Conversions Part 2

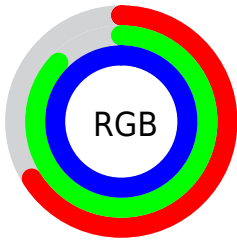
Format	Color
R _Y B	168, 202, 255
Decimal	11067391
CIE Lab	86.17, -10.06, -21.19
CIE LCh	86, 23.462, 244.604
Yxy	68.3202, 0.2595, 0.2926
Android (android.graphics.Color)	4289257471 (0xFFA8DFFF)
YUV	210.2030, 22.0849, -37.0120
Hunter-Lab	82.6560, -13.8092, -17.1725

Details

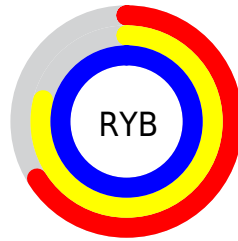
The XYZ color **60.5861, 68.3202, 104.6016** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **68.9624, 65.3956, 46.0355**, and the grayscale version is **61.2732, 64.4642, 70.2015**.

A 20% lighter version of the original color is **84.8613, 94.7476, 108.4232**, and **31.0057, 35.5932, 58.6621** is the 20% darker color. If you saturate the color by 10%, you get **53.2439, 60.9193, 103.5601**, and if you desaturate by 10%, it is **69.1354, 76.5526, 105.7401**.

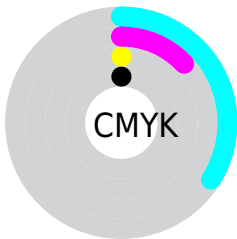
Distribution



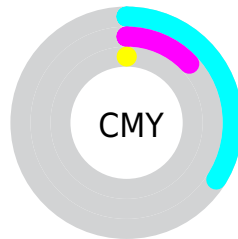
- Red (66%)
- Green (87%)
- Blue (100%)



- Red (66%)
- Yellow (79%)
- Blue (100%)



- Cyan (34%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (34%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.5861, 68.3202, 104.6016 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 60.5861, 68.3202, 104.6016 by changing the saturation by 10% instead.

60.5861, 68.3202,
104.6016

60.5861, 68.3202,
104.6016

416.5550,
454.6297, 596.2194

44.1425, 50.1583,
79.5108

104.7809,
116.8101, 169.5734

30.9809, 35.5392,
58.7921

133.2629,
147.9069, 210.2915

20.7361, 24.0785,
42.0269

166.4883,
184.0840, 257.0559

13.0426, 15.3919,
28.7966

204.8225,
225.7260, 310.2849

7.5351, 9.0949,
18.6828

248.6309,
273.2171, 370.3973

3.8482, 4.8031,
11.2668

298.2789,

1.6166, 2.1322,

326.9419, 437.8115

6.1302

354.1318,
387.2846, 512.9460

■ 0.4032, 0.6826,
2.8543

■ 0.0000, 0.0000,
1.0207

■ 60.5861, 68.3202,
104.6016

■ 60.5861, 68.3202,
104.6016

■ 53.2439, 60.9193,
103.5601

■ 69.1354, 76.5526,
105.7401

■ 47.0383, 54.3055,
102.6106

■ 78.9456, 85.6428,
106.9776

■ 41.8999, 48.4412,
101.7495

■ 90.0741, 95.6250,
108.3178

■ 37.7487, 43.2817,
100.9724

■ 95.0500, 100.0000,
108.9000

■ 34.4920, 38.7757,
100.2743

■ 32.0169, 34.8613,
99.6492

■ 30.8325, 32.7850,
99.3108

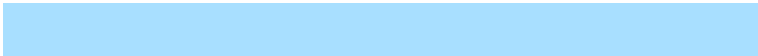
Harmonies

Analogous

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



56.7627, 68.3202, 92.5788



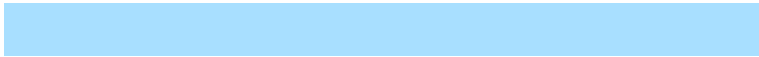
60.5861, 68.3202, 104.6016



65.7731, 68.3202, 108.1251

Triad

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



60.5861, 68.3202, 104.6016



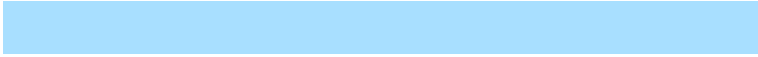
75.8408, 68.3202, 72.0283



59.2186, 68.3202, 52.5074

Complementary

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



60.5861, 68.3202, 104.6016



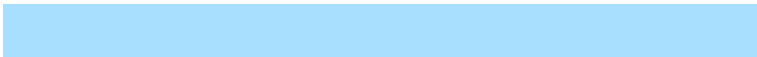
68.9624, 65.3956, 46.0355

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.



64.1067, 68.3202, 48.5202



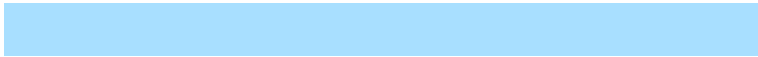
60.5861, 68.3202, 104.6016



73.8592, 68.3202, 58.7531

Square

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



60.5861, 68.3202, 104.6016



74.7707, 68.3202, 87.8788



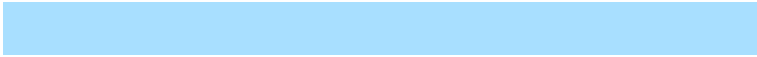
69.4899, 68.3202, 50.6384



56.0044, 68.3202, 62.3557

Rectangle

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



60.5861, 68.3202, 104.6016



69.3541, 68.3202, 104.8194



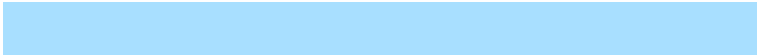
69.4899, 68.3202, 50.6384



60.7102, 68.3202, 50.5043

Sweetspot

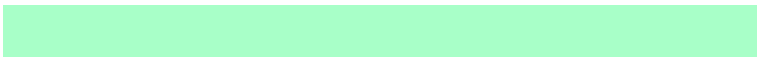
The Sweet Spot groups the original color and five complimentary colors.



60.5880, 68.3228, 104.6020



83.3636, 89.6419, 107.5166



62.3231, 84.0108, 67.5147



17.5149, 18.8911, 22.9732



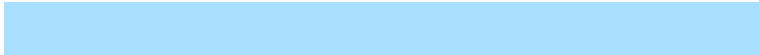
0.0000, 0.0000, 0.0000



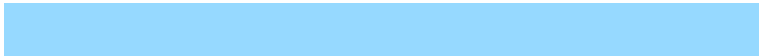
20.3446, 21.4041, 23.3091

Same Dimension

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



60.5880, 68.3228, 104.6020



55.4072, 63.1399, 103.8747



50.4405, 48.0278, 101.2195



17.9603, 19.2923, 23.0271



16.2581, 17.4258, 51.9412



1.6874, 1.9055, 5.0921

Inverse Universe

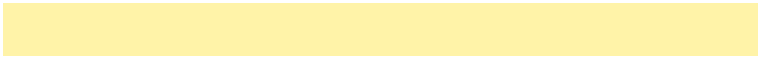
The Inverse Universe completely reimagines the original color for something new.



68.5632, 54.5946, 76.7391



64.6840, 48.2029, 71.2328



80.4788, 88.4285, 49.8743



18.4926, 18.1804, 21.2113



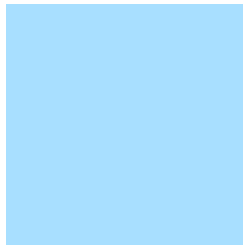
24.9945, 12.4871, 19.1535



2.4863, 1.2369, 2.1424

Previews

White Background



This preview shows how the XYZ color 60.5861, 68.3202, 104.6016 looks on a white background.

Color Contrast Check

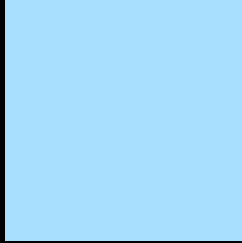
Large Text (above 18pt) WCAG AA × Fail

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 60.5861, 68.3202, 104.6016 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

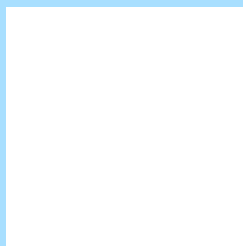
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.5861, 68.3202, 104.6016

Background



This preview shows how black text looks on a background with the XYZ color 60.5861, 68.3202, 104.6016.

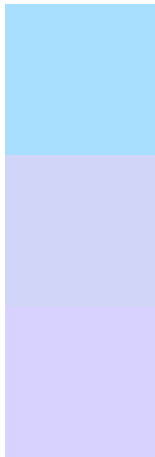


This preview shows how white text looks on a background with the XYZ color 60.5861, 68.3202,

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

60.5861, 68.3202, 104.6016

Protanopia

67.0320, 67.9211, 98.3841

Deuteranopia

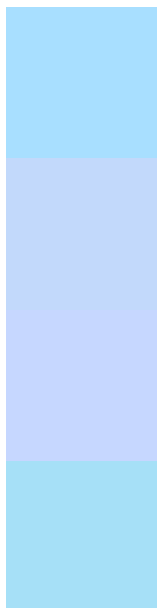
69.1209, 67.7603, 104.0437



Tritanopia

58.6199, 68.3208, 94.8917

Trichromacy



Original Color

60.5861, 68.3202, 104.6016

Protanomaly

64.4736, 68.0601, 101.0056

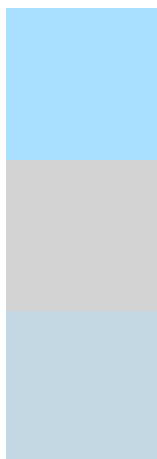
Deuteranomaly

65.6391, 67.8266, 104.2400

Tritanomaly

59.1700, 68.1337, 98.0282

Monochromacy



Original Color

60.5861, 68.3202, 104.6016

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.5336, 65.6940, 81.4412

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5861, 68.3202, 104.6016 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(168, 223, 255)` looks like.

```
.text, #text, p{  
    color:rgb(168, 223, 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(168, 223, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 223, 255) }
```

Border

The CSS property to change the border of an element to XYZ 60.5861, 68.3202, 104.6016 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(168, 223, 255) }
```


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

```
.border{ border-color:rgb(168, 223, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 223, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 223, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 223, 255);  
box-shadow:4px 4px 4px 4px rgb(168, 223,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5861, 68.3202, 104.6016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 223, 255) }
```

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

```
.background{ background-color: rgb(168,  
223, 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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