

Converting Colors

XYZ(61.3327, 68.0710,
104.5142)

Have a look what the booklet for
XYZ(61.3327, 68.0710, 104.5142)
contains.

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Color

**XYZ(61.1400, 67.8171,
104.4753)**

Conversions

Conversions Part 1

Format	Color
Hex	ADDDFE
RGB	173, 221, 255
RGB Percent	68%, 87%, 100%
CMY	0.3216, 0.1333, 0.0000
CMYK	0.32, 0.13, 0.00, 0.00
HSL	205°, 100%, 84%
HSV	205°, 32%, 100%
XYZ	61.1400, 67.8171, 104.4753
YIQ	210.5240, -39.5220, 0.3980

Conversions

Conversions Part 2

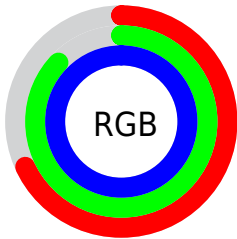
Format	Color
R _Y B	173, 203, 255
Decimal	11394559
CIE Lab	85.91, -7.67, -21.55
CIE LCh	86, 22.873, 250.405
Yxy	67.8171, 0.2619, 0.2905
Android (android.graphics.Color)	4289584639 (0xFFADDDFF)
YUV	210.5240, 21.9267, -32.9085
Hunter-Lab	82.3511, -11.5906, -17.5728

Details

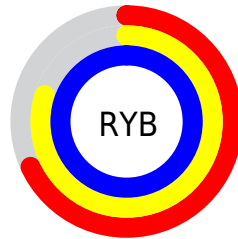
The XYZ color **61.1400, 67.8171, 104.4753** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **71.0959, 68.9027, 49.0894**, and the grayscale version is **61.4834, 64.6854, 70.4424**.

A 20% lighter version of the original color is **86.4431, 95.5630, 108.4972**, and **31.3005, 35.2012, 58.5709** is the 20% darker color. If you saturate the color by 10%, you get **53.3265, 59.7763, 103.3351**, and if you desaturate by 10%, it is **70.2092, 76.7694, 105.7253**.

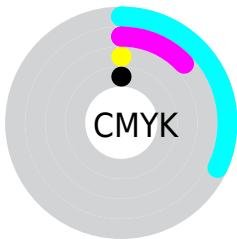
Distribution



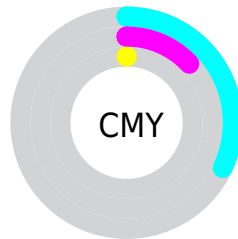
- Red (68%)
- Green (87%)
- Blue (100%)



- 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 61.1400, 67.8171, 104.4753 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 61.1400, 67.8171, 104.4753 by changing the saturation by 10% instead.

■ 61.1400, 67.8171,
104.4753

■ 61.1400, 67.8171,
104.4753

418.5549,
452.8477, 595.8164

■ 44.5911, 49.7490,
79.4056

■ 105.5786,
116.0905, 169.3991

■ 31.3354, 35.2140,
58.7061

134.1990,
147.0644, 210.0903

■ 21.0075, 23.8277,
41.9581

167.5740,
183.1092, 256.8258

■ 13.2419, 15.2059,
28.7432

206.0689,
224.6090, 310.0242

■ 7.6735, 8.9640,
18.6427

250.0491,
271.9484, 370.1038

■ 3.9368, 4.7177,
11.2382

299.8799,

■ 1.6664, 2.0826,

325.5117, 437.4834

6.1111

355.9267,
385.6834, 512.5814

■ 0.4351, 0.6548,
2.8429

■ 0.0000, 0.0000,
1.0150

■ 61.1400, 67.8171,
104.4753

■ 61.1400, 67.8171,
104.4753

■ 53.3265, 59.7763,
103.3351

■ 70.2092, 76.7694,
105.7253

■ 46.6983, 52.6012,
102.2995

■ 80.5880, 86.6608,
107.0875

■ 41.1864, 46.2529,
101.3647

■ 92.3340, 97.5271,
108.5658

■ 36.7117, 40.6856,
100.5259

■ 95.0500, 100.0000,
108.9000

■ 33.1834, 35.8472,
99.7780

■ 30.4922, 31.6759,
99.1147

■ 28.8412, 28.8024,
98.6471

Harmonies

Analogous

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



57.0909, 67.8171, 94.1541



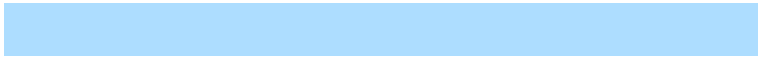
61.1400, 67.8171, 104.4753



66.2938, 67.8171, 105.9896

Triad

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



61.1400, 67.8171, 104.4753



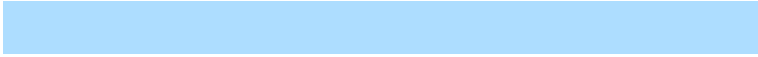
74.8772, 67.8171, 68.7547



58.1494, 67.8171, 53.9877

Complementary

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



61.1400, 67.8171, 104.4753



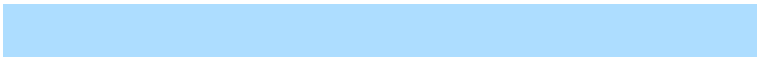
71.0959, 68.9027, 49.0894

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.



62.6567, 67.8171, 48.9555



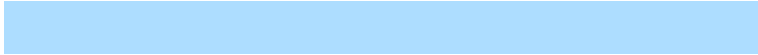
61.1400, 67.8171, 104.4753



72.4333, 67.8171, 56.6827

Square

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



61.1400, 67.8171, 104.4753



74.4167, 67.8171, 83.9404



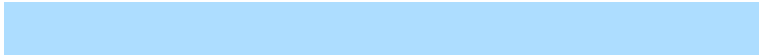
67.8942, 67.8171, 49.8703



55.4301, 67.8171, 64.5866

Rectangle

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



61.1400, 67.8171, 104.4753



69.6895, 67.8171, 101.6084



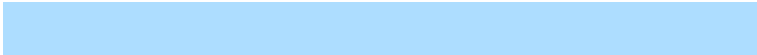
67.8942, 67.8171, 49.8703



59.4953, 67.8171, 51.6586

Sweetspot

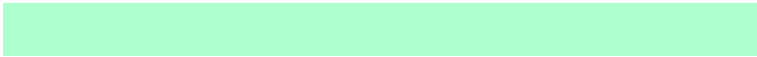
The Sweet Spot groups the original color and five complimentary colors.



61.1419, 67.8197, 104.4757



83.0024, 88.9194, 107.3962



64.1109, 84.8513, 71.2655



17.4274, 18.7161, 22.9440



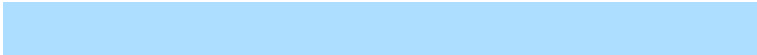
0.0000, 0.0000, 0.0000



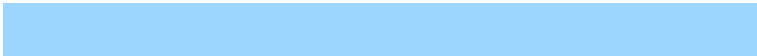
20.3446, 21.4041, 23.3091

Same Dimension

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



61.1419, 67.8197, 104.4757



55.6612, 62.2187, 103.6835



51.8496, 49.2351, 101.3783



17.8867, 19.1449, 23.0026



15.2210, 15.3515, 51.5955



1.5899, 1.7104, 5.0596

Inverse Universe

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



69.2359, 56.3692, 75.6406



65.1610, 49.7294, 69.6273



81.9829, 90.6768, 52.7184



18.4554, 18.1655, 21.0155



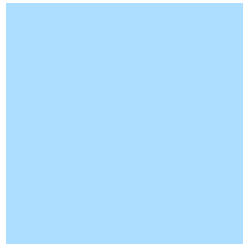
24.4710, 12.2777, 16.3968



2.4371, 1.2172, 1.8831

Previews

White Background



This preview shows how the XYZ color 61.1400, 67.8171, 104.4753 looks on a white background.

Color Contrast Check

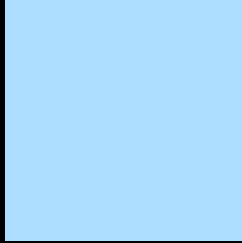
Large Text (above 18pt) WCAG AA × Fail

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 61.1400, 67.8171, 104.4753 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

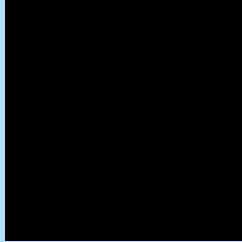
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

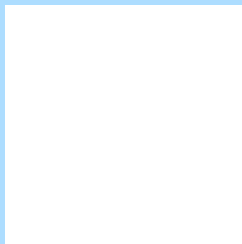
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.1400, 67.8171, 104.4753

Background



This preview shows how black text looks on a background with the XYZ color 61.1400, 67.8171, 104.4753.

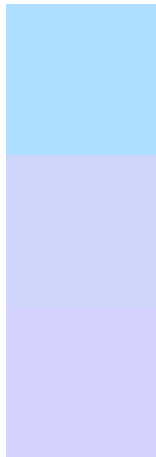


This preview shows how white text looks on a background with the XYZ color 61.1400, 67.8171,

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

61.1400, 67.8171, 104.4753

Protanopia

66.3745, 67.1919, 99.0936

Deuteranopia

68.8281, 67.6093, 104.0300



Tritanopia

58.8424, 67.6723, 93.1798

Trichromacy



Original Color

61.1400, 67.8171, 104.4753

Protanomaly

64.2187, 67.1680, 100.8468

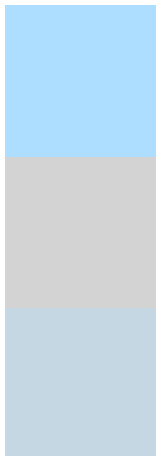
Deuteranomaly

65.6498, 67.4552, 104.1678

Tritanomaly

59.5504, 67.5543, 97.0894

Monochromacy



Original Color

61.1400, 67.8171, 104.4753

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.1915, 66.0172, 82.1905

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1400, 67.8171, 104.4753 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(173, 221, 255)` looks like.

```
.text, #text, p{  
    color:rgb(173, 221, 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(173, 221, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 221, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.1400, 67.8171, 104.4753 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(173, 221, 255) }
```


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

```
.border{ border-color:rgb(173, 221, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 221, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 221, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 221, 255);  
box-shadow:4px 4px 4px 4px rgb(173, 221,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1400, 67.8171, 104.4753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 221, 255) }
```

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

```
.background{ background-color: rgb(173,  
221, 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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