

Converting Colors

XYZ(61.4256, 70.4861, 99.1746)

Have a look what the booklet for
XYZ(61.4256, 70.4861, 99.1746)
contains.

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Color

**XYZ(61.4256, 70.4861,
99.1746)**

Conversions

Conversions Part 1

Format	Color
Hex	ACE3F8
RGB	172, 227, 248
RGB Percent	67%, 89%, 97%
CMY	0.3255, 0.1098, 0.0274
CMYK	0.31, 0.08, 0.00, 0.03
HSL	197°, 84%, 82%
HSV	197°, 31%, 97%
XYZ	61.4256, 70.4861, 99.1746
YIQ	212.9490, -39.5210, -5.1290

Conversions

Conversions Part 2

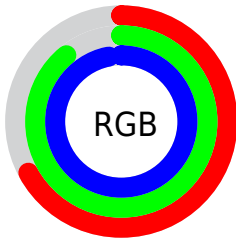
Format	Color
R_{YB}	172, 204, 248
Decimal	11330552
CIE _{Lab}	87.23, -12.69, -15.88
CIE _{LCh}	87, 20.326, 231.372
Yxy	70.4861, 0.2658, 0.3050
Android (android.graphics.Color)	4289520632 (0xFFACE3F8)
YUV	212.9490, 17.2801, -35.9123
Hunter-Lab	83.9560, -16.3252, -11.2682

Details

The XYZ color **61.4256, 70.4861, 99.1746** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **65.2288, 61.0757, 47.3823**, and the grayscale version is **63.1205, 66.4077, 72.3180**.

A 20% lighter version of the original color is **86.1231, 95.3980, 108.4822**, and **31.6031, 37.0927, 55.3631** is the 20% darker color. If you saturate the color by 10%, you get **54.6458, 64.2656, 98.3325**, and if you desaturate by 10%, it is **69.2999, 77.3850, 100.0924**.

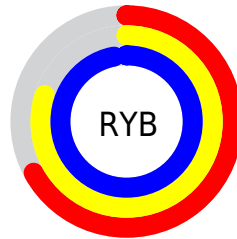
Distribution



Red (67%)

Green (89%)

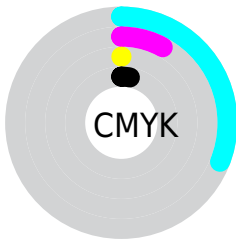
Blue (97%)



Red (67%)

Yellow (80%)

Blue (97%)

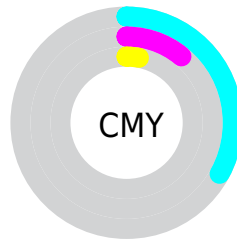


Cyan (31%)

Magenta (8%)

Yellow (0%)

Black (3%)



Cyan (33%)

Magenta (11%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.4256, 70.4861, 99.1746 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 61.4256, 70.4861, 99.1746 by changing the saturation by 10% instead.

61.4256, 70.4861,
99.1746

61.4256, 70.4861,
99.1746

419.5838,
462.2550, 578.7672

44.8226, 51.9229,
74.9984

105.9896,
119.9017, 162.0644

31.5184, 36.9436,
55.1098

134.6812,
151.5229, 201.6150

21.1477, 25.1639,
39.0905

168.1331,
188.2656, 247.1276

13.3451, 16.1992,
26.5217

206.7106,
230.5142, 299.0205

7.7452, 9.6652,
16.9851

250.7791,
278.6530, 357.7124

3.9828, 5.1775,
10.0620

300.7039,

1.6924, 2.3518,

333.0665, 423.6217

5.3340

356.8503,
394.1390, 497.1672

■ 0.4515, 0.8009,
2.3824

■ 0.0000, 0.0000,
0.7768

■ 61.4256, 70.4861,
99.1746

■ 61.4256, 70.4861,
99.1746

■ 54.6458, 64.2656,
98.3325

■ 69.2999, 77.3850,
100.0924

■ 48.8966, 58.6842,
97.5581

■ 78.3154, 84.9824,
101.0837

■ 44.1172, 53.7108,
96.8501

■ 88.5237, 93.3079,
102.1526

■ 40.2372, 49.3080,
96.2048

■ 93.7562, 99.1828,
103.0108

■ 37.1761, 45.4329,
95.6181

■ 93.9435, 99.5574,
103.0732

■ 34.8378, 42.0345,
95.0854

■ 33.1603, 39.2111,
94.6289

Harmonies

Analogous

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



58.8040, 70.4861, 86.7332



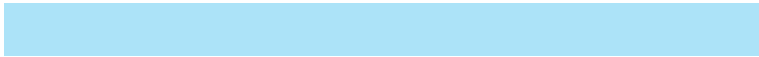
61.4256, 70.4861, 99.1746



65.6270, 70.4861, 105.7881

Triad

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



61.4256, 70.4861, 99.1746



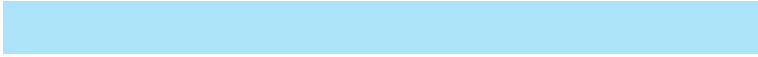
76.4878, 70.4861, 80.7599



63.7047, 70.4861, 54.7740

Complementary

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



61.4256, 70.4861, 99.1746



65.2288, 61.0757, 47.3823

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.



68.3817, 70.4861, 53.5766



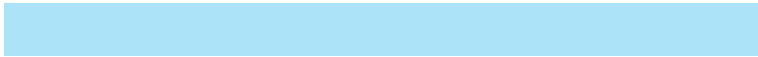
61.4256, 70.4861, 99.1746



75.9132, 70.4861, 67.5590

Square

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



61.4256, 70.4861, 99.1746



74.4260, 70.4861, 94.3590



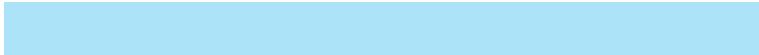
72.8911, 70.4861, 57.9850



60.0757, 70.4861, 61.4760

Rectangle

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



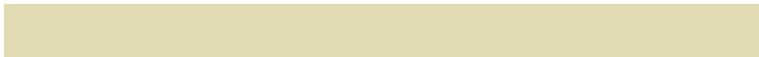
61.4256, 70.4861, 99.1746



68.8215, 70.4861, 105.5176



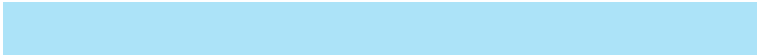
72.8911, 70.4861, 57.9850



65.2010, 70.4861, 53.7488

Sweetspot

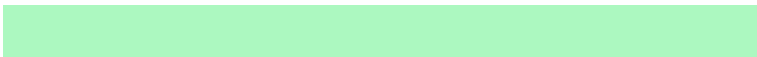
The Sweet Spot groups the original color and five complimentary colors.



61.4277, 70.4889, 99.1762



85.1154, 91.9251, 107.8650



60.1262, 79.7245, 62.2453



17.8955, 19.4092, 23.0531



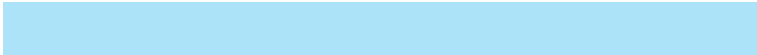
0.0000, 0.0000, 0.0000



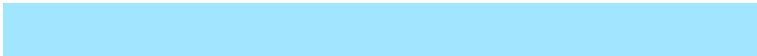
20.3446, 21.4041, 23.3091

Same Dimension

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



61.4277, 70.4889, 99.1762



60.6781, 70.7619, 105.0681



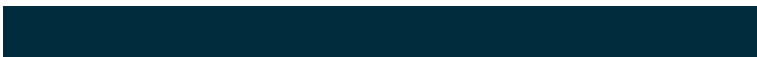
52.3139, 52.2612, 96.1383



17.3366, 18.7501, 22.0907



18.0367, 21.4289, 51.1591



1.7593, 2.1622, 4.7678

Inverse Universe

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



67.3308, 55.0094, 79.7452



68.0572, 52.2809, 80.5834



74.5302, 79.6786, 50.4828



17.7765, 17.4379, 20.6786



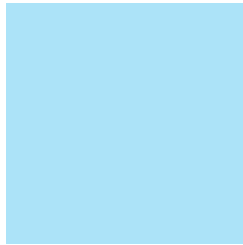
25.3961, 12.5742, 24.5920



2.3969, 1.1825, 2.5136

Previews

White Background



This preview shows how the XYZ color 61.4256, 70.4861, 99.1746 looks on a white background.

Color Contrast Check

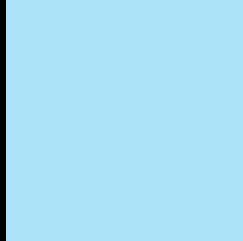
Large Text (above 18pt) WCAG AA × Fail

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 61.4256, 70.4861, 99.1746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

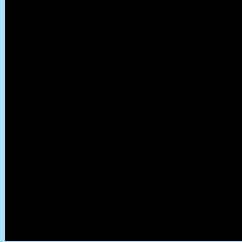
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.4256, 70.4861, 99.1746

Background



This preview shows how black text looks on a background with the XYZ color 61.4256, 70.4861, 99.1746.

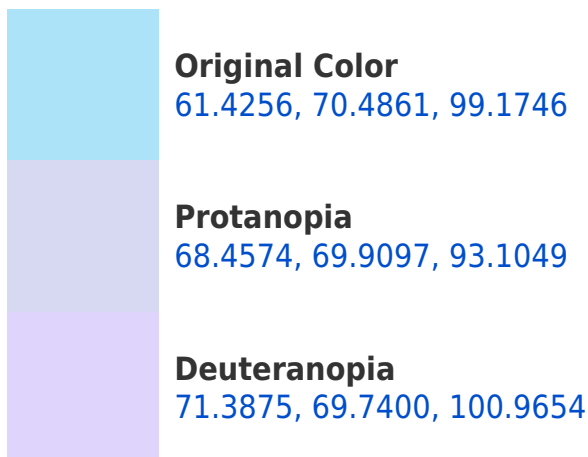


This preview shows how white text looks on a background with the XYZ color 61.4256, 70.4861,

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

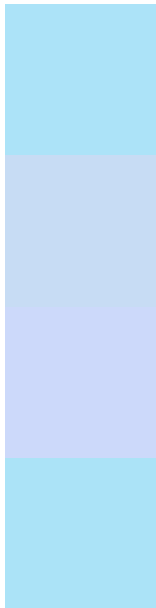




Tritanopia

60.8982, 70.2499, 97.5387

Trichromacy



Original Color

61.4256, 70.4861, 99.1746

Protanomaly

65.4755, 69.8602, 95.6214

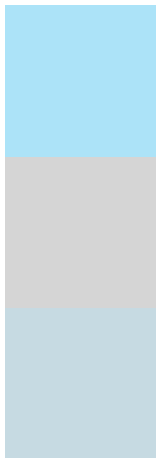
Deuteranomaly

66.9700, 69.3652, 100.3016

Tritanomaly

61.0522, 70.3115, 98.3494

Monochromacy



Original Color

61.4256, 70.4861, 99.1746

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

62.0876, 67.6396, 81.7349

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.4256, 70.4861, 99.1746 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(172, 227, 248)` looks like.

```
.text, #text, p{  
    color:rgb(172, 227, 248)  
}
```

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(172, 227, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 227, 248) }
```

Border

The CSS property to change the border of an element to XYZ 61.4256, 70.4861, 99.1746 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(172, 227, 248) }
```


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

```
.border{ border-color:rgb(172, 227, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 227, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 227, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 227, 248);  
box-shadow:4px 4px 4px 4px rgb(172, 227,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 61.4256, 70.4861, 99.1746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 227, 248) }
```

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

```
.background{ background-color: rgb(172,  
227, 248) }
```

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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