

Converting Colors

XYZ(61.5458, 71.3367, 94.7270)

Have a look what the booklet for
XYZ(61.5458, 71.3367, 94.7270)
contains.

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Color

**XYZ(61.5019, 71.4481,
94.5538)**

Conversions

Conversions Part 1

Format	Color
Hex	AEE5F2
RGB	174, 229, 242
RGB Percent	68%, 90%, 95%
CMY	0.3176, 0.1019, 0.0510
CMYK	0.28, 0.05, 0.00, 0.05
HSL	191°, 72%, 82%
HSV	191°, 28%, 95%
XYZ	61.5019, 71.4481, 94.5538
YIQ	214.0370, -36.9530, -7.6170

Conversions

Conversions Part 2

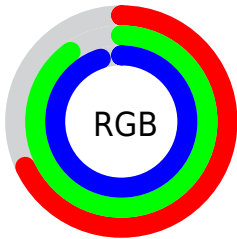
Format	Color
RYB	174, 204, 242
Decimal	11462130
CIELab	87.70, -14.53, -12.01
CIELCh	88, 18.850, 219.594
Yxy	71.4481, 0.2703, 0.3141
Android (android.graphics.Color)	4289652210 (0xFFAEE5F2)
YUV	214.0370, 13.7858, -35.1124
Hunter-Lab	84.5270, -18.0455, -7.1543

Details

The XYZ color **61.5019, 71.4481, 94.5538** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **62.0292, 57.4745, 47.8704**, and the grayscale version is **63.8711, 67.1974, 73.1780**.

A 20% lighter version of the original color is **86.7650, 95.7289, 108.5123**, and **31.5522, 37.4254, 52.0152** is the 20% darker color. If you saturate the color by 10%, you get **55.3263, 66.3914, 93.9044**, and if you desaturate by 10%, it is **68.6872, 77.0795, 95.2633**.

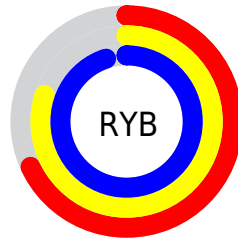
Distribution



Red (68%)

Green (90%)

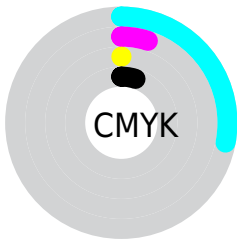
Blue (95%)



Red (68%)

Yellow (80%)

Blue (95%)

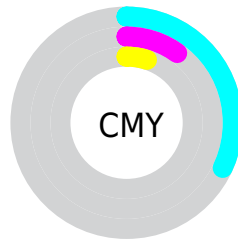


Cyan (28%)

Magenta (5%)

Yellow (0%)

Black (5%)



Cyan (32%)

Magenta (10%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.5019, 71.4481, 94.5538 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 61.5019, 71.4481, 94.5538 by changing the saturation by 10% instead.

61.5019, 71.4481,
94.5538

61.5019, 71.4481,
94.5538

419.8584,
465.6184, 563.6833

44.8844, 52.7080,
71.1688

106.0993,
121.2715, 155.6383

31.5673, 37.5697,
51.9973

134.8100,
153.1236, 194.1749

21.1851, 25.6489,
36.6207

168.2824,
190.1152, 238.5991

13.3726, 16.5612,
24.6205

206.8819,
232.6306, 289.3295

7.7644, 9.9221,
15.5781

250.9739,
281.0542, 346.7845

3.9951, 5.3473,
9.0750

300.9238,

1.6994, 2.4525,

335.7704, 411.3828

4.6926

357.0968,
397.1637, 483.5429

■ 0.4559, 0.8527,
2.0125

■ 0.0000, 0.0000,
0.5630

■ 61.5019, 71.4481,
94.5538

■ 61.5019, 71.4481,
94.5538

■ 55.3263, 66.3914,
93.9044

■ 68.6872, 77.0795,
95.2633

■ 50.1014, 61.8733,
93.3077

■ 76.9242, 83.3023,
96.0302

■ 45.7722, 57.8667,
92.7626

■ 86.2605, 90.1432,
96.8586

■ 42.2749, 54.3385,
92.2659

■ 90.6832, 94.5028,
97.4670

■ 39.5371, 51.2509,
91.8142

■ 92.1193, 97.3749,
97.9457

■ 37.4735, 48.5595,
91.4035

■ 93.0272, 99.1909,
98.2483

■ 35.9661, 46.2030,
91.0281

■ 35.7098, 45.7760,
90.9592

Harmonies

Analogous

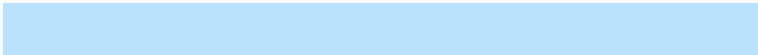
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



59.7856, 71.4481, 81.9682



61.5019, 71.4481, 94.5538



64.9577, 71.4481, 103.2090

Triad

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



61.5019, 71.4481, 94.5538



76.2838, 71.4481, 86.6928



66.4874, 71.4481, 55.9689

Complementary

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



61.5019, 71.4481, 94.5538



62.0292, 57.4745, 47.8704

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.



70.9490, 71.4481, 56.9378



61.5019, 71.4481, 94.5538



76.7374, 71.4481, 73.7656

Square

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



61.5019, 71.4481, 94.5538



73.5333, 71.4481, 98.3365



74.7469, 71.4481, 63.1432



62.5795, 71.4481, 60.3337

Rectangle

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



61.5019, 71.4481, 94.5538



67.8485, 71.4481, 105.0837



74.7469, 71.4481, 63.1432



67.9701, 71.4481, 55.6936

Sweetspot

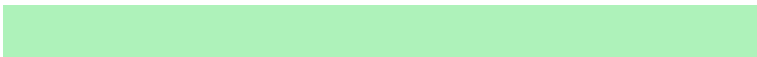
The Sweet Spot groups the original color and five complimentary colors.



61.5040, 71.4510, 94.5554



86.7077, 93.8715, 108.1568



58.1218, 76.0694, 58.3361



18.2424, 19.8565, 23.1212



0.0000, 0.0000, 0.0000



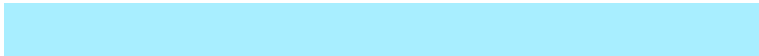
20.3446, 21.4041, 23.3091

Same Dimension

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



61.5040, 71.4510, 94.5554



64.9617, 76.9765, 106.0418



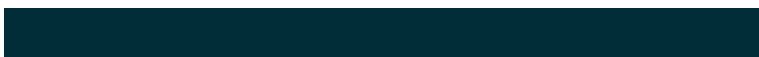
53.1190, 54.6808, 91.7604



15.9756, 17.3854, 20.2353



19.2794, 24.7830, 48.8953



1.6691, 2.1922, 4.0894

Inverse Universe

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



65.8986, 54.8083, 81.2377



70.7937, 55.5744, 88.2148



69.9752, 73.3664, 50.5191



16.3171, 15.9766, 19.2263



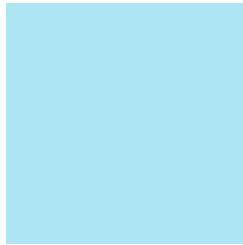
25.0570, 12.2952, 29.2803



2.1174, 1.0360, 2.6092

Previews

White Background



This preview shows how the XYZ color 61.5019, 71.4481, 94.5538 looks on a white background.

Color Contrast Check

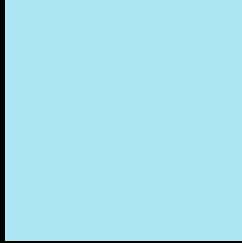
Large Text (above 18pt) WCAG AA × Fail

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 61.5019, 71.4481, 94.5538 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

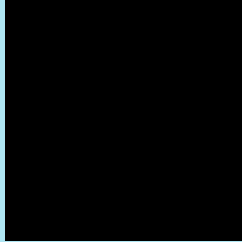
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.5019, 71.4481, 94.5538

Background



This preview shows how black text looks on a background with the XYZ color 61.5019, 71.4481, 94.5538.

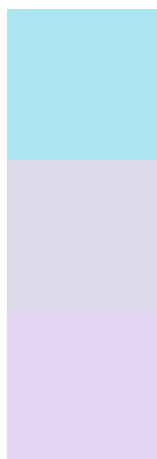


This preview shows how white text looks on a background with the XYZ color 61.5019, 71.4481,

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

61.5019, 71.4481, 94.5538

Protanopia

68.9802, 71.0464, 88.6749

Deuteranopia

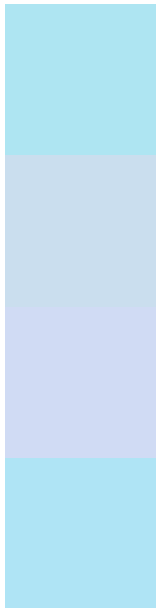
72.2706, 70.6751, 96.2188



Tritanopia

62.2111, 71.3162, 98.4822

Trichromacy



Original Color

61.5019, 71.4481, 94.5538

Protanomaly

65.9110, 70.9722, 91.1140

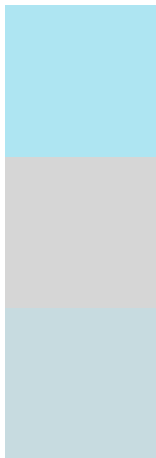
Deuteranomaly

67.6731, 70.6046, 95.6492

Tritanomaly

61.9040, 71.1933, 96.8652

Monochromacy



Original Color

61.5019, 71.4481, 94.5538

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

62.3393, 68.1870, 80.3968

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.5019, 71.4481, 94.5538 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, 229, 242)` looks like.

```
.text, #text, p{  
    color:rgb(174, 229, 242)  
}
```

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, 229, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 229, 242) }
```

Border

The CSS property to change the border of an element to XYZ 61.5019, 71.4481, 94.5538 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, 229, 242) }
```


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

```
.border{ border-color:rgb(174, 229, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 229, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 229, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 229, 242);  
box-shadow:4px 4px 4px 4px rgb(174, 229,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 61.5019, 71.4481, 94.5538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 229, 242) }
```

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

```
.background{ background-color: rgb(174,  
229, 242) }
```

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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