

Converting Colors

XYZ(61.3024, 74.9815, 85.7372)

Have a look what the booklet for
XYZ(61.3024, 74.9815, 85.7372)
contains.

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Color

**XYZ(61.3617, 74.9395,
86.0936)**

Conversions

Conversions Part 1

Format	Color
Hex	ABEDED
RGB	171, 237, 230
RGB Percent	67%, 93%, 90%
CMY	0.3294, 0.0706, 0.0980
CMYK	0.28, 0.00, 0.03, 0.07
HSL	174°, 65%, 80%
HSV	174°, 28%, 93%
XYZ	61.3617, 74.9395, 86.0936
YIQ	216.4680, -37.0890, -16.1690

Conversions

Conversions Part 2

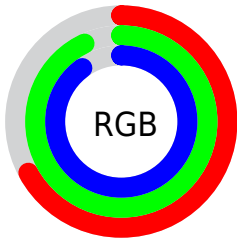
Format	Color
RYB	171, 206, 237
Decimal	11267558
CIELab	89.36, -22.02, -3.28
CIELCh	89, 22.262, 188.467
Yxy	74.9395, 0.2759, 0.3370
Android (android.graphics.Color)	4289457638 (0xFFABE6E6)
YUV	216.4680, 6.6713, -39.8754
Hunter-Lab	86.5676, -24.9672, 1.6320

Details

The XYZ color **61.3617, 74.9395, 86.0936** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **57.5265, 50.3467, 48.8084**, and the grayscale version is **65.5652, 68.9797, 75.1189**.

A 20% lighter version of the original color is **85.8049, 95.2340, 108.4673**, and **31.5979, 39.9248, 46.5983** is the 20% darker color. If you saturate the color by 10%, you get **56.3049, 72.3750, 84.0282**, and if you desaturate by 10%, it is **67.3535, 77.9892, 88.2326**.

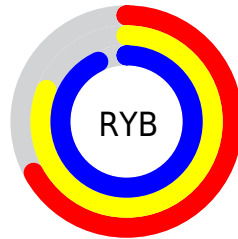
Distribution



Red (67%)

Green (93%)

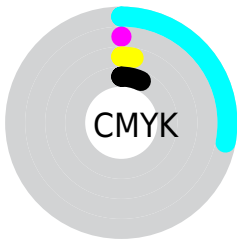
Blue (90%)



Red (67%)

Yellow (81%)

Blue (93%)

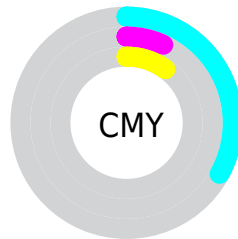


Cyan (28%)

Magenta (0%)

Yellow (3%)

Black (7%)



Cyan (33%)

Magenta (7%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.3617, 74.9395, 86.0936 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 61.3617, 74.9395, 86.0936 by changing the saturation by 10% instead.

61.3617, 74.9395,
86.0936

61.3617, 74.9395,
86.0936

419.3537,
477.7096, 535.4785

44.7708, 55.5633,
64.1900

105.8976,
126.2267, 143.7878

31.4774, 39.8529,
46.3574

134.5733,
158.9066, 180.4155

21.1163, 27.4239,
32.1773

168.0081,
196.7897, 222.7884

13.3220, 17.8918,
21.2310

206.5671,
240.2606, 271.3249

7.7292, 10.8724,
13.1001

250.6158,
289.7037, 326.4436

3.9725, 5.9811,
7.3660

300.5196,

1.6866, 2.8336,

345.5033, 388.5631

3.6101

356.6438,
408.0438, 458.1019

0.4478, 1.0455,
1.4140

0.0000, 0.0000,
0.1526

61.3617, 74.9395,
86.0936

61.3617, 74.9395,
86.0936

56.3049, 72.3750,
84.0282

67.3535, 77.9892,
88.2326

52.1271, 70.2612,
82.0288

74.3197, 81.5387,
90.4422

48.7764, 68.5732,
80.0945

82.3051, 85.6131,
92.7264

46.1927, 67.2801,
78.2224

87.2627, 88.1259,
94.8958

44.3078, 66.3465,
76.4091

87.6390, 88.2764,
96.8779

43.0412, 65.7312,
74.6508

88.0206, 88.4291,
98.8873

42.2834, 65.3776,
72.9422

88.4074, 88.5838,
100.9242

42.1513, 65.3173,
72.5794

88.7995, 88.7406,
102.9887

89.1968, 88.8996,
105.0809

Harmonies

Analogous

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



61.9219, 74.9395, 71.0740



61.3617, 74.9395, 86.0936



63.3374, 74.9395, 101.7158

Triad

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



61.3617, 74.9395, 86.0936



77.9442, 74.9395, 107.4093



75.1418, 74.9395, 56.7521

Complementary

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



61.3617, 74.9395, 86.0936



57.5265, 50.3467, 48.8084

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.



79.7476, 74.9395, 64.3220



61.3617, 74.9395, 86.0936



81.4221, 74.9395, 93.1092

Square

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



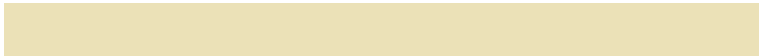
61.3617, 74.9395, 86.0936



72.7812, 74.9395, 115.0090



82.0984, 74.9395, 77.2586



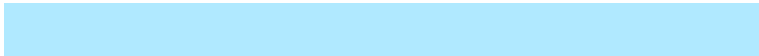
69.6965, 74.9395, 55.3766

Rectangle

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



61.3617, 74.9395, 86.0936



65.8890, 74.9395, 109.9285



82.0984, 74.9395, 77.2586



76.8473, 74.9395, 58.6056

Sweetspot

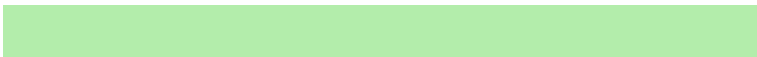
The Sweet Spot groups the original color and five complimentary colors.



61.3639, 74.9425, 86.0953



87.5924, 96.1955, 106.7422



56.1583, 73.0598, 49.6715



18.4669, 20.4463, 22.7617



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.



61.3639, 74.9425, 86.0953



69.1675, 86.8193, 100.3587



55.5514, 61.7120, 89.1080



15.4448, 17.0927, 19.0251



23.0414, 35.6710, 39.7788



1.8291, 2.8090, 3.2279

Inverse Universe

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



57.5265, 50.3467, 48.8084



63.9902, 53.6154, 50.0379



62.0860, 60.5626, 46.9469



15.1304, 15.0800, 15.9721



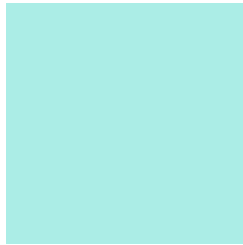
19.1871, 9.8775, 1.5208



1.5284, 0.7843, 0.2340

Previews

White Background



This preview shows how the XYZ color 61.3617, 74.9395, 86.0936 looks on a white background.

Color Contrast Check

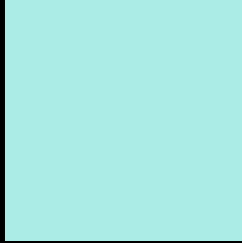
Large Text (above 18pt) WCAG AA × Fail

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 61.3617, 74.9395, 86.0936 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

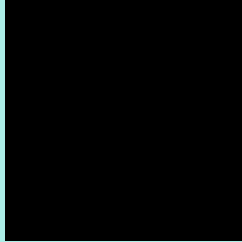
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

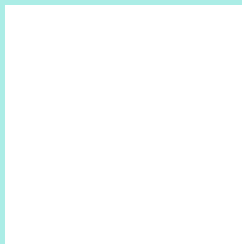
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.3617, 74.9395, 86.0936

Background



This preview shows how black text looks on a background with the XYZ color 61.3617, 74.9395, 86.0936.

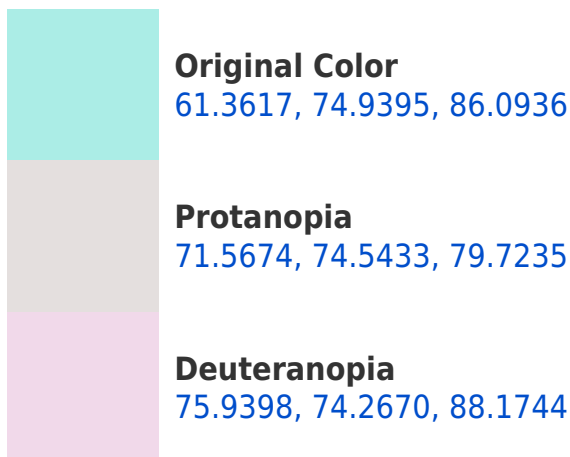


This preview shows how white text looks on a background with the XYZ color 61.3617, 74.9395,

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

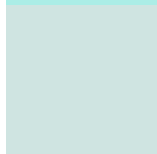
64.8980, 75.1040, 103.1715

Trichromacy



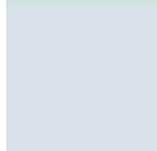
Original Color

61.3617, 74.9395, 86.0936



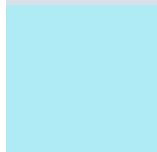
Protanomaly

67.0661, 74.1884, 82.0192



Deuteranomaly

69.6825, 73.7934, 87.6617



Tritanomaly

63.4930, 74.9470, 96.7077

Monochromacy



Original Color

61.3617, 74.9395, 86.0936



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

63.5262, 70.8111, 78.7263

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3617, 74.9395, 86.0936 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(171, 237, 230)` looks like.

```
.text, #text, p{  
    color:rgb(171, 237, 230)  
}
```

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(171, 237, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 237, 230) }
```

Border

The CSS property to change the border of an element to XYZ 61.3617, 74.9395, 86.0936 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(171, 237, 230) }
```


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

```
.border{ border-color:rgb(171, 237, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 237, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 237, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 237, 230);  
box-shadow:4px 4px 4px 4px rgb(171, 237,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3617, 74.9395, 86.0936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 237, 230) }
```

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

```
.background{ background-color: rgb(171,  
237, 230) }
```

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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