

Converting Colors

XYZ(60.1322, 71.5057, 97.4770)

Have a look what the booklet for
XYZ(60.1322, 71.5057, 97.4770)
contains.

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Color

**XYZ(60.1108, 71.4870,
97.8190)**

Conversions

Conversions Part 1

Format	Color
Hex	A2E7F6
RGB	162, 231, 246
RGB Percent	64%, 91%, 96%
CMY	0.3647, 0.0941, 0.0353
CMYK	0.34, 0.06, 0.00, 0.04
HSL	191°, 82%, 80%
HSV	191°, 34%, 96%
XYZ	60.1108, 71.4870, 97.8190
YIQ	212.0790, -45.9390, -9.9630

Conversions

Conversions Part 2

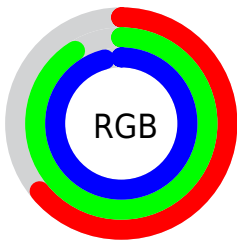
Format	Color
R _Y B	162, 200, 246
Decimal	10676214
CIE Lab	87.72, -17.89, -14.15
CIE LCh	88, 22.813, 218.345
Yxy	71.4870, 0.2620, 0.3116
Android (android.graphics.Color)	4288866294 (0xFFA2E7F6)
YUV	212.0790, 16.7231, -43.9193
Hunter-Lab	84.5500, -21.0579, -9.4098

Details

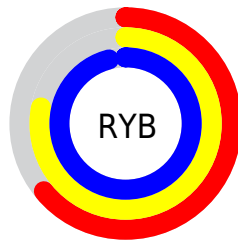
The XYZ color **60.1108, 71.4870, 97.8190** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **60.2510, 53.6468, 41.3636**, and the grayscale version is **62.5478, 65.8052, 71.6618**.

A 20% lighter version of the original color is **83.0234, 93.8001, 108.3372**, and **30.6876, 37.5034, 54.3367** is the 20% darker color. If you saturate the color by 10%, you get **54.3807, 66.7325, 97.2045**, and if you desaturate by 10%, it is **66.8535, 76.8127, 98.4928**.

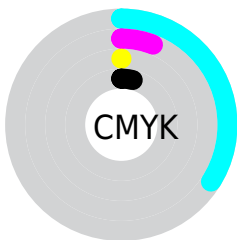
Distribution



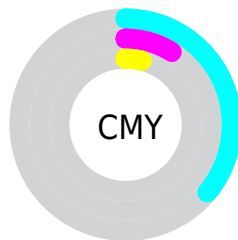
- Red (64%)
- Green (91%)
- Blue (96%)



- Red (64%)
- Yellow (78%)
- Blue (96%)



- Cyan (34%)
- Magenta (6%)
- Yellow (0%)
- Black (4%)



- Cyan (36%)
- Magenta (9%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.1108, 71.4870, 97.8190 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 60.1108, 71.4870, 97.8190 by changing the saturation by 10% instead.

60.1108, 71.4870,
97.8190

60.1108, 71.4870,
97.8190

414.8343,
465.7541, 574.3641

43.7578, 52.7397,
73.8736

104.0958,
121.3269, 160.1824

30.6772, 37.5950,
54.1945

132.4585,
153.1883, 199.4375

20.5038, 25.6685,
38.3629

165.5551,
190.1899, 244.6330

12.8722, 16.5758,
25.9605

203.7509,
232.7160, 296.1873

7.4170, 9.9325,
16.5686

247.4114,
281.1511, 354.5190

3.7728, 5.3542,
9.7687

296.9019,

1.5744, 2.4566,

335.8796, 420.0467

5.1423

352.5877,
397.2857, 493.1889

■ 0.3757, 0.8548,
2.2708

■ 0.0000, 0.0000,
0.7148

■ 60.1108, 71.4870,
97.8190

■ 60.1108, 71.4870,
97.8190

■ 54.3807, 66.7325,
97.2045

■ 66.8535, 76.8127,
98.4928

■ 49.5992, 62.5109,
96.6417

■ 74.6553, 82.7288,
99.2235

■ 45.7052, 58.7918,
96.1291

■ 83.5671, 89.2636,
100.0152

■ 42.6272, 55.5383,
95.6633

■ 91.6187, 95.4017,
100.7756

■ 40.2825, 52.7072,
95.2404

■ 92.9892, 98.1427,
101.2324

■ 38.5700, 50.2461,
94.8556

■ 93.6348, 99.4339,
101.4476

■ 37.7738, 48.9319,
94.6439

Harmonies

Analogous

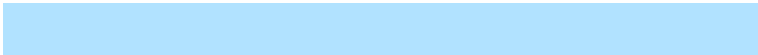
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



58.1660, 71.4870, 82.2411



60.1108, 71.4870, 97.8190



64.1799, 71.4870, 108.9355

Triad

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



60.1108, 71.4870, 97.8190



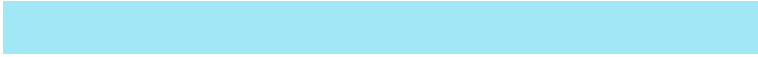
78.0791, 71.4870, 89.3551



66.4478, 71.4870, 51.9277

Complementary

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



60.1108, 71.4870, 97.8190



60.2510, 53.6468, 41.3636

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.



71.8572, 71.4870, 53.3040



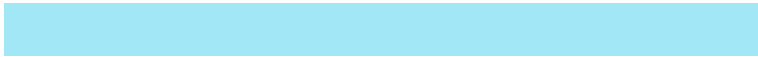
60.1108, 71.4870, 97.8190



78.7657, 71.4870, 73.5934

Square

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



60.1108, 71.4870, 97.8190



74.6056, 71.4870, 103.6152



76.4346, 71.4870, 60.7806



61.6955, 71.4870, 56.7340

Rectangle

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



60.1108, 71.4870, 97.8190



67.6463, 71.4870, 111.5713



76.4346, 71.4870, 60.7806



68.2471, 71.4870, 51.6967

Sweetspot

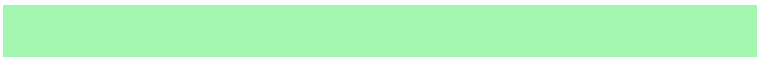
The Sweet Spot groups the original color and five complimentary colors.



60.1130, 71.4898, 97.8207



84.8476, 92.6098, 108.0113



55.6942, 76.7290, 52.9510



17.8753, 19.6119, 23.0933



0.0000, 0.0000, 0.0000



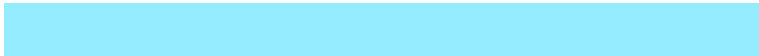
20.3446, 21.4041, 23.3091

Same Dimension

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



60.1130, 71.4898, 97.8207



60.8020, 73.9296, 105.6730



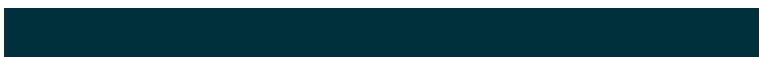
49.9501, 51.1640, 94.4330



16.7303, 18.2250, 21.1786



20.2560, 26.3057, 50.5479



1.8446, 2.4407, 4.4641

Inverse Universe

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



65.3520, 51.2050, 82.0434



67.4070, 49.2921, 85.5723



69.6006, 72.3459, 44.4801



17.0792, 16.7145, 20.1637



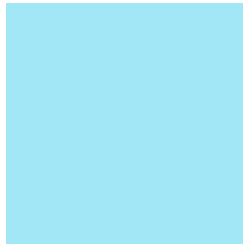
26.0288, 12.7550, 31.1896



2.3201, 1.1340, 2.9122

Previews

White Background



This preview shows how the XYZ color 60.1108, 71.4870, 97.8190 looks on a white background.

Color Contrast Check

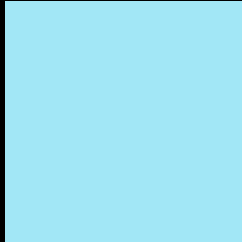
Large Text (above 18pt) WCAG AA × Fail

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 60.1108, 71.4870, 97.8190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

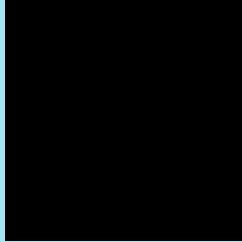
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.1108, 71.4870, 97.8190

Background



This preview shows how black text looks on a background with the XYZ color 60.1108, 71.4870, 97.8190.

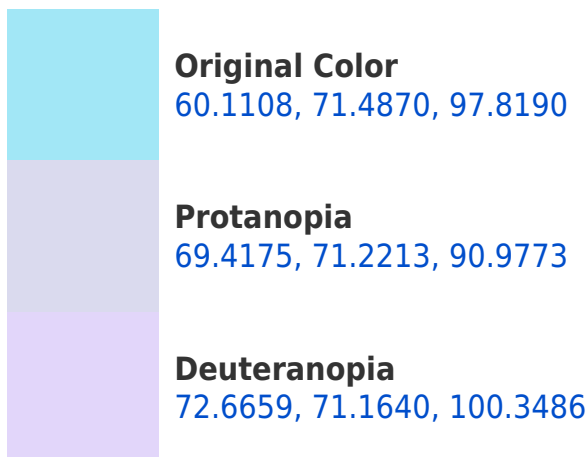


This preview shows how white text looks on a background with the XYZ color 60.1108, 71.4870,

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

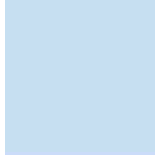
60.7791, 71.7779, 100.2737

Trichromacy



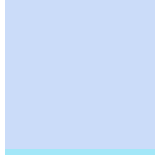
Original Color

60.1108, 71.4870, 97.8190



Protanomaly

65.5536, 71.1320, 93.4939



Deuteranomaly

67.3207, 70.7225, 99.7252



Tritanomaly

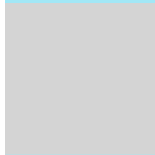
60.6234, 71.7157, 99.4543

Monochromacy



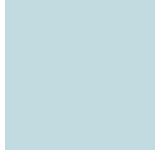
Original Color

60.1108, 71.4870, 97.8190



Achromatopsia

62.5785, 65.8375, 71.6970



Achromatomaly

61.0342, 67.5142, 80.3357

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1108, 71.4870, 97.8190 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(162, 231, 246)` looks like.

```
.text, #text, p{  
    color:rgb(162, 231, 246)  
}
```

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(162, 231, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 231, 246) }
```

Border

The CSS property to change the border of an element to XYZ 60.1108, 71.4870, 97.8190 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(162, 231, 246) }
```


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

```
.border{ border-color:rgb(162, 231, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 231, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 231, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 231, 246);  
box-shadow:4px 4px 4px 4px rgb(162, 231,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1108, 71.4870, 97.8190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 231, 246) }
```

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

```
.background{ background-color: rgb(162,  
231, 246) }
```

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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