

Converting Colors

XYZ(60.5020, 72.2498, 82.9069)

Have a look what the booklet for
XYZ(60.5020, 72.2498, 82.9069)
contains.

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Color

**XYZ(60.4886, 72.4343,
82.7446)**

Conversions

Conversions Part 1

Format	Color
Hex	B0E8E2
RGB	176, 232, 226
RGB Percent	69%, 91%, 89%
CMY	0.3098, 0.0902, 0.1137
CMYK	0.24, 0.00, 0.03, 0.09
HSL	174°, 55%, 80%
HSV	174°, 24%, 91%
XYZ	60.4886, 72.4343, 82.7446
YIQ	214.5720, -31.4500, -13.7380

Conversions

Conversions Part 2

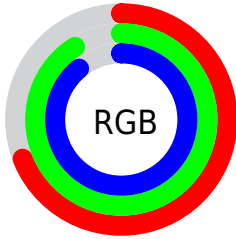
Format	Color
RYB	176, 206, 232
Decimal	11593954
CIELab	88.18, -18.96, -2.90
CIELCh	88, 19.180, 188.683
Yxy	72.4343, 0.2805, 0.3359
Android (android.graphics.Color)	4289784034 (0xFFB0E8E2)
YUV	214.5720, 5.6340, -33.8276
Hunter-Lab	85.1083, -22.0752, 1.9325

Details

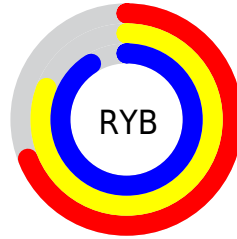
The XYZ color **60.4886, 72.4343, 82.7446** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **57.2501, 51.5860, 51.1987**, and the grayscale version is **64.2821, 67.6297, 73.6488**.

A 20% lighter version of the original color is **87.4143, 96.0636, 108.5427**, and **30.9021, 38.1285, 44.2589** is the 20% darker color. If you saturate the color by 10%, you get **55.3463, 69.8244, 80.7368**, and if you desaturate by 10%, it is **66.5365, 75.5143, 84.8237**.

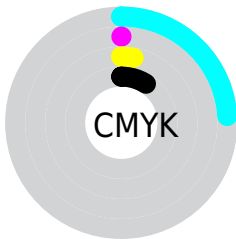
Distribution



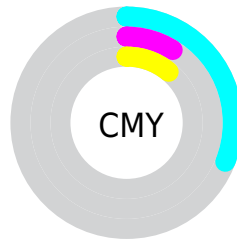
- Red (69%)
- Green (91%)
- Blue (89%)



- Red (69%)
- Yellow (81%)
- Blue (91%)



- Cyan (24%)
- Magenta (0%)
- Yellow (3%)
- Black (9%)



- Cyan (31%)
- Magenta (9%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.4886, 72.4343, 82.7446 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 60.4886, 72.4343, 82.7446 by changing the saturation by 10% instead.

60.4886, 72.4343,
82.7446

60.4886, 72.4343,
82.7446

416.2023,
469.0518, 524.0836

44.0635, 53.5135,
61.4401

104.6404,
122.6738, 139.0637

30.9186, 38.2129,
44.1476

133.0979,
154.7613, 174.9154

20.6884, 26.1479,
30.4485

166.2969,
192.0065, 216.4533

13.0076, 16.9344,
19.9243

204.6028,
234.7938, 264.0958

7.5108, 10.1877,
12.1565

248.3810,
283.5076, 318.2616

3.8327, 5.5236,
6.7265

297.9967,

1.6079, 2.5576,

338.5323, 379.3691

3.2158

353.8154,
400.2522, 447.8369

■ 0.3976, 0.9054,
1.2059

■ 0.0000, 0.0000,
0.0000

■ 60.4886, 72.4343,
82.7446

■ 60.4886, 72.4343,
82.7446

■ 55.3463, 69.8244,
80.7368

■ 66.5365, 75.5143,
84.8237

■ 51.0577, 67.6521,
78.7932

■ 73.5262, 79.0773,
86.9713

■ 47.5754, 65.8949,
76.9129

■ 81.4993, 83.1467,
89.1909

■ 44.8446, 64.5246,
75.0933

■ 85.2308, 85.0289,
91.2382

■ 42.8038, 63.5094,
73.3314

■ 85.5946, 85.1745,
93.1542

■ 41.3816, 62.8126,
71.6238

■ 85.9635, 85.3220,
95.0968

■ 40.4912, 62.3893,
69.9662

■ 86.3375, 85.4716,
97.0660

■ 40.1370, 62.2274,
69.0141

■ 86.7166, 85.6232,
99.0621

■ 87.1007, 85.7769,
101.0852

Harmonies

Analogous

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



60.9507, 72.4343, 70.0355



60.4886, 72.4343, 82.7446



62.1869, 72.4343, 95.7375

Triad

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



60.4886, 72.4343, 82.7446



74.5091, 72.4343, 100.2817



72.1039, 72.4343, 57.5951

Complementary

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



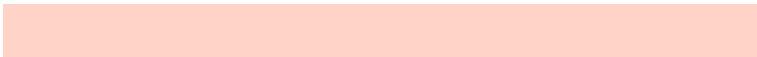
60.4886, 72.4343, 82.7446



57.2501, 51.5860, 51.1987

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.



75.9656, 72.4343, 64.1077



60.4886, 72.4343, 82.7446



77.3966, 72.4343, 88.4150

Square

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



60.4886, 72.4343, 82.7446



70.1870, 72.4343, 106.5745



77.9411, 72.4343, 75.1156



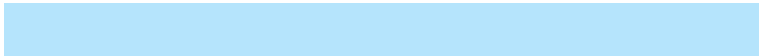
67.5234, 72.4343, 56.4359

Rectangle

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



60.4886, 72.4343, 82.7446



64.3621, 72.4343, 102.4825



77.9411, 72.4343, 75.1156



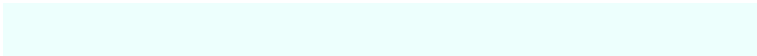
73.5348, 72.4343, 59.1930

Sweetspot

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



60.4907, 72.4373, 82.7462



88.4786, 96.6477, 106.9924



56.1129, 70.8610, 51.7958



18.8228, 20.6278, 22.8660



0.0000, 0.0000, 0.0000



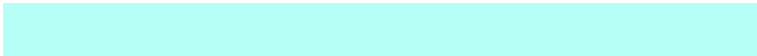
20.3446, 21.4041, 23.3091

Same Dimension

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



60.4907, 72.4373, 82.7462



71.6276, 88.0697, 101.2789



55.6507, 61.4158, 85.2686



14.7374, 16.3084, 18.1478



22.3099, 34.5561, 38.4620



1.6678, 2.5612, 2.9433

Inverse Universe

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



57.2501, 51.5860, 51.1987



66.9568, 58.0012, 55.7973



61.1901, 60.4376, 49.5163



14.4395, 14.3930, 15.2487



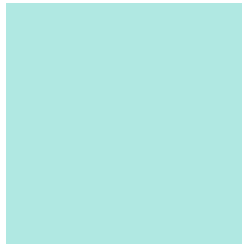
18.5937, 9.5717, 1.4896



1.3952, 0.7158, 0.2216

Previews

White Background



This preview shows how the XYZ color 60.4886, 72.4343, 82.7446 looks on a white background.

Color Contrast Check

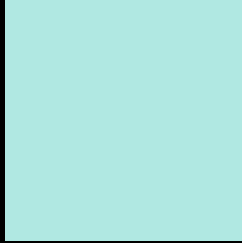
Large Text (above 18pt) WCAG AA × Fail

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 60.4886, 72.4343, 82.7446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

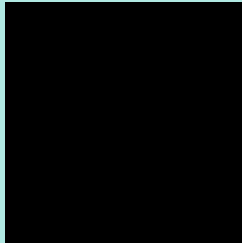
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

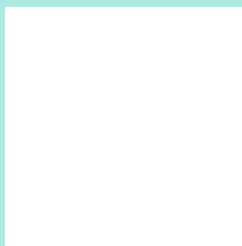
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.4886, 72.4343, 82.7446

Background



This preview shows how black text looks on a background with the XYZ color 60.4886, 72.4343, 82.7446.

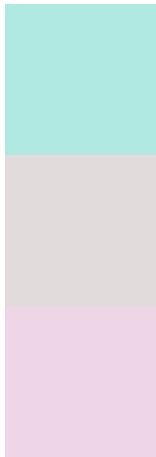


This preview shows how white text looks on a background with the XYZ color 60.4886, 72.4343,

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

60.4886, 72.4343, 82.7446

Protanopia

69.1690, 71.7851, 77.2281

Deuteranopia

73.5894, 71.9834, 84.8785



Tritanopia

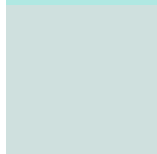
63.6302, 72.4573, 98.6277

Trichromacy



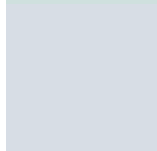
Original Color

60.4886, 72.4343, 82.7446



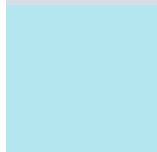
Protanomaly

65.5726, 71.8506, 79.5198



Deuteranomaly

68.0236, 71.8171, 84.4056



Tritanomaly

62.4672, 72.4093, 92.3454

Monochromacy



Original Color

60.4886, 72.4343, 82.7446



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

62.7300, 69.2449, 77.0772

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.4886, 72.4343, 82.7446 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(176, 232, 226)` looks like.

```
.text, #text, p{  
    color:rgb(176, 232, 226)  
}
```

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(176, 232, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 232, 226) }
```

Border

The CSS property to change the border of an element to XYZ 60.4886, 72.4343, 82.7446 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(176, 232, 226) }
```


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

```
.border{ border-color:rgb(176, 232, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 232, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 232, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 232, 226);  
box-shadow:4px 4px 4px 4px rgb(176, 232,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 60.4886, 72.4343, 82.7446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 232, 226) }
```

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

```
.background{ background-color: rgb(176,  
232, 226) }
```

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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