

Converting Colors

XYZ(60.8040, 74.7483, 83.1354)

Have a look what the booklet for
XYZ(60.8040, 74.7483, 83.1354)
contains.

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Color

**XYZ(60.8062, 74.7173,
83.1686)**

Conversions

Conversions Part 1

Format	Color
Hex	ABEDE2
RGB	171, 237, 226
RGB Percent	67%, 93%, 89%
CMY	0.3294, 0.0706, 0.1137
CMYK	0.28, 0.00, 0.05, 0.07
HSL	170°, 65%, 80%
HSV	170°, 28%, 93%
XYZ	60.8062, 74.7173, 83.1686
YIQ	216.0120, -35.8050, -17.4130

Conversions

Conversions Part 2

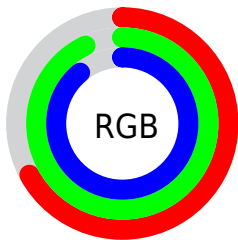
Format	Color
RYB	171, 207, 237
Decimal	11267554
CIELab	89.26, -22.88, -1.34
CIELCh	89, 22.917, 183.350
Yxy	74.7173, 0.2780, 0.3417
Android (android.graphics.Color)	4289457634 (0xFFABE2E2)
YUV	216.0120, 4.9241, -39.4755
Hunter-Lab	86.4392, -25.7016, 3.4608

Details

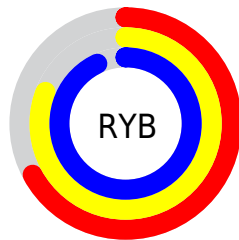
The XYZ color **60.8062, 74.7173, 83.1686** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **57.9340, 50.5097, 50.9547**, and the grayscale version is **65.2651, 68.6640, 74.7751**.

A 20% lighter version of the original color is **85.8049, 95.2340, 108.4673**, and **31.2107, 39.7699, 44.5595** is the 20% darker color. If you saturate the color by 10%, you get **55.5640, 72.0787, 80.1270**, and if you desaturate by 10%, it is **66.9908, 77.8441, 86.3227**.

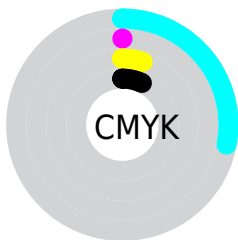
Distribution



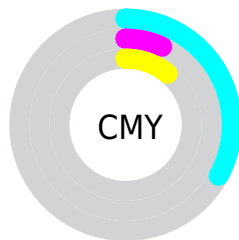
- Red (67%)
- Green (93%)
- Blue (89%)



- Red (67%)
- Yellow (81%)
- Blue (93%)



- Cyan (28%)
- Magenta (0%)
- Yellow (5%)
- Black (7%)



- Cyan (33%)
- Magenta (7%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.8062, 74.7173, 83.1686 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 60.8062, 74.7173, 83.1686 by changing the saturation by 10% instead.

60.8062, 74.7173,
83.1686

60.8062, 74.7173,
83.1686

417.3503,
476.9453, 525.5340

44.3207, 55.3813,
61.7878

105.0980,
125.9121, 139.6629

31.1217, 39.7071,
44.4266

133.6350,
158.5397, 175.6135

20.8438, 27.3103,
30.6664

166.9199,
196.3667, 217.2579

13.1217, 17.8064,
20.0886

205.3181,
239.7774, 265.0145

7.5900, 10.8111,
12.2747

249.1949,
289.1562, 319.3018

3.8833, 5.9399,
6.8063

298.9156,

1.6363, 2.8086,

344.8875, 380.5385

3.2646

354.8456,
407.3558, 449.1430

■ 0.4159, 1.0326,
1.2313

■ 0.0000, 0.0000,
0.0045

■ 60.8062, 74.7173,
83.1686

■ 60.8062, 74.7173,
83.1686

■ 55.5640, 72.0787,
80.1270

■ 66.9908, 77.8441,
86.3227

■ 51.2082, 69.8937,
77.1900

■ 74.1572, 81.4737,
89.5869

■ 47.6867, 68.1374,
74.3565

■ 82.3504, 85.6312,
92.9652

■ 44.9395, 66.7788,
71.6231

■ 87.5234, 88.2302,
96.2686

■ 42.8982, 65.7827,
68.9862

■ 88.1227, 88.4699,
99.4249

■ 41.4823, 65.1077,
66.4417

■ 88.7350, 88.7149,
102.6491

■ 40.5822, 64.6971,
63.9838

■ 89.3603, 88.9650,
105.9417

■ 40.4204, 64.6250,
63.4646

■ 89.5755, 89.0511,
107.0752

Harmonies

Analogous

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



61.8261, 74.7173, 68.2987



60.8062, 74.7173, 83.1686



62.4012, 74.7173, 99.5009

Triad

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



60.8062, 74.7173, 83.1686



77.0984, 74.7173, 109.9102



75.9537, 74.7173, 56.8009

Complementary

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



60.8062, 74.7173, 83.1686



57.9340, 50.5097, 50.9547

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.



80.3904, 74.7173, 65.5603



60.8062, 74.7173, 83.1686



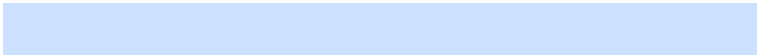
81.0754, 74.7173, 95.9762

Square

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



60.8062, 74.7173, 83.1686



71.6472, 74.7173, 116.1630



82.3103, 74.7173, 79.5669



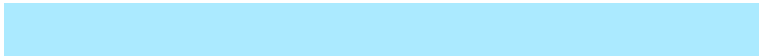
70.3896, 74.7173, 54.3030

Rectangle

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



60.8062, 74.7173, 83.1686



64.7845, 74.7173, 108.6706



82.3103, 74.7173, 79.5669



77.6359, 74.7173, 59.0485

Sweetspot

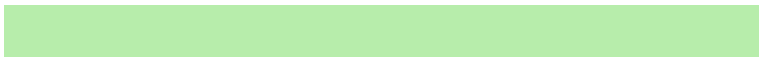
The Sweet Spot groups the original color and five complimentary colors.



60.8083, 74.7203, 83.1703



87.3962, 96.1170, 105.7090



57.1893, 73.5913, 49.7196



18.4172, 20.4264, 22.4997



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.



60.8083, 74.7203, 83.1703



68.3949, 86.5103, 96.2904



56.6643, 63.9379, 89.4790



15.4036, 17.0762, 18.8080



22.1092, 35.2982, 34.8700



1.7647, 2.7832, 2.8889

Inverse Universe

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



57.9340, 50.5097, 50.9547



64.5187, 53.8268, 52.8207



61.1059, 58.6024, 46.6200



15.1679, 15.0950, 16.1695



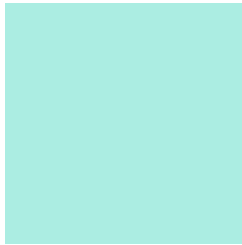
19.3045, 9.9245, 2.1387



1.5462, 0.7914, 0.3276

Previews

White Background



This preview shows how the XYZ color 60.8062, 74.7173, 83.1686 looks on a white background.

Color Contrast Check

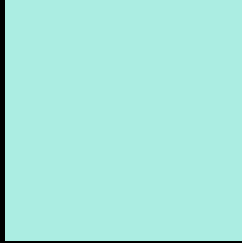
Large Text (above 18pt) WCAG AA × Fail

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 60.8062, 74.7173, 83.1686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

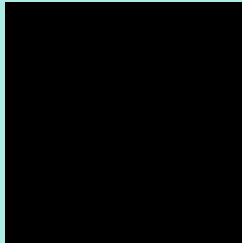
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

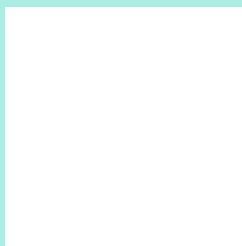
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.8062, 74.7173, 83.1686

Background



This preview shows how black text looks on a background with the XYZ color 60.8062, 74.7173, 83.1686.

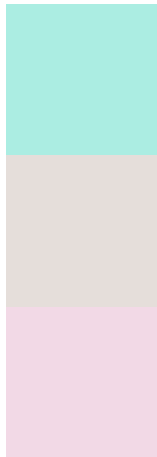


This preview shows how white text looks on a background with the XYZ color 60.8062, 74.7173,

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

60.8062, 74.7173, 83.1686

Protanopia

71.0893, 73.9625, 76.8591

Deuteranopia

75.7137, 74.2161, 85.1975



Tritanopia

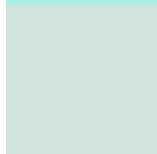
64.8411, 74.6532, 103.0875

Trichromacy



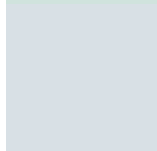
Original Color

60.8062, 74.7173, 83.1686



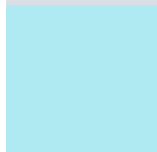
Protanomaly

66.5327, 73.5685, 79.1001



Deuteranomaly

69.1174, 73.5674, 84.6858



Tritanomaly

63.2797, 74.4307, 95.8254

Monochromacy



Original Color

60.8062, 74.7173, 83.1686



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

63.3933, 70.7580, 78.0266

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8062, 74.7173, 83.1686 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, 226)` looks like.

```
.text, #text, p{  
    color:rgb(171, 237, 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(171, 237, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 237, 226) }
```

Border

The CSS property to change the border of an element to XYZ 60.8062, 74.7173, 83.1686 is called "border". The border property can be set on classes, ids or directly on the HTML element.

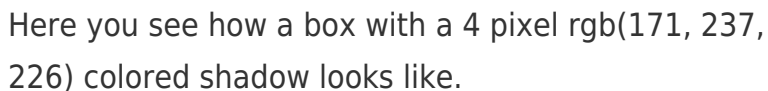
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(171, 237, 226) }
```


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

```
.border{ border-color:rgb(171, 237, 226) }
```

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, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 237, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 237, 226); box-shadow:4px 4px 4px 4px rgb(171, 237, 226) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8062, 74.7173, 83.1686 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, 226) }
```

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

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