

Converting Colors

XYZ(61.0987, 73.1033, 80.9343)

Have a look what the booklet for
XYZ(61.0987, 73.1033, 80.9343)
contains.

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Color

**XYZ(61.0486, 73.1892,
80.7214)**

Conversions

Conversions Part 1

Format	Color
Hex	B3E9DF
RGB	179, 233, 223
RGB Percent	70%, 91%, 87%
CMY	0.2980, 0.0863, 0.1255
CMYK	0.23, 0.00, 0.04, 0.09
HSL	169°, 55%, 81%
HSV	169°, 23%, 91%
XYZ	61.0486, 73.1892, 80.7214
YIQ	215.7140, -28.9740, -14.5580

Conversions

Conversions Part 2

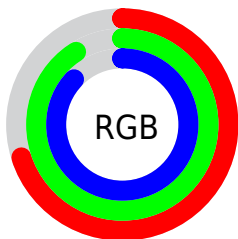
Format	Color
RYB	179, 209, 233
Decimal	11790815
CIELab	88.54, -19.19, -0.77
CIELCh	89, 19.208, 182.309
Yxy	73.1892, 0.2840, 0.3405
Android (android.graphics.Color)	4289980895 (0xFFB3E9DF)
YUV	215.7140, 3.5920, -32.1982
Hunter-Lab	85.5507, -22.3369, 3.9424

Details

The XYZ color **61.0486, 73.1892, 80.7214** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **58.9122, 53.2399, 55.3184**, and the grayscale version is **65.0678, 68.4564, 74.5490**.

A 20% lighter version of the original color is **88.4021, 96.5729, 108.5889**, and **31.2475, 38.6314, 42.8555** is the 20% darker color. If you saturate the color by 10%, you get **55.5377, 70.4166, 77.4658**, and if you desaturate by 10%, it is **67.4884, 76.4429, 84.1011**.

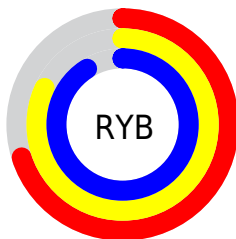
Distribution



Red (70%)

Green (91%)

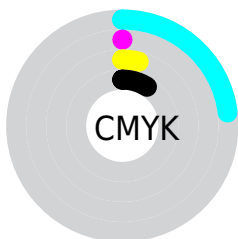
Blue (87%)



Red (70%)

Yellow (82%)

Blue (91%)

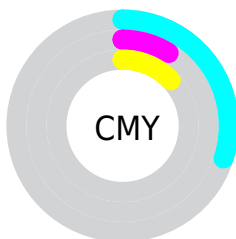


Cyan (23%)

Magenta (0%)

Yellow (4%)

Black (9%)



Cyan (30%)

Magenta (9%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.0486, 73.1892, 80.7214 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 61.0486, 73.1892, 80.7214 by changing the saturation by 10% instead.

61.0486, 73.1892,
80.7214

61.0486, 73.1892,
80.7214

418.2252,
471.6703, 517.1314

44.5171, 54.1307,
59.7825

105.4470,
123.7458, 136.2001

31.2769, 38.7061,
42.8192

134.0446,
156.0126, 171.5769

20.9626, 26.5312,
29.4129

167.3950,
193.4510, 212.6035

13.2090, 17.2215,
19.1452

205.8634,
236.4454, 259.6984

7.6506, 10.3925,
11.5973

249.8153,
285.3801, 313.2801

3.9221, 5.6600,
6.3509

299.6160,

1.6582, 2.6394,

340.6395, 373.7671

2.9874

355.6309,
402.6081, 441.5780

■ 0.4299, 0.9465,
1.0882

■ 0.0000, 0.0000,
0.0000

■ 61.0486, 73.1892,
80.7214

■ 61.0486, 73.1892,
80.7214

■ 55.5377, 70.4166,
77.4658

■ 67.4884, 76.4429,
84.1011

■ 50.9037, 68.0923,
74.3265


■ 74.8935, 80.1905,
87.6024


■ 47.0989, 66.1939,
71.3023


■ 83.3058, 84.4557,
91.2294


■ 44.0684, 64.6929,
68.3901


■ 86.1479, 85.8475,
94.6748

 41.7507, 63.5577,
65.5863


 86.7978, 86.1074,
98.0972


 40.0747, 62.7517,
62.8872

 87.4631, 86.3735,
101.6006

 38.9544, 62.2306,
60.2880

 88.1438, 86.6459,
105.1855

 38.4175, 61.9913,
58.5672

 88.4302, 86.7604,
106.6934

Harmonies

Analogous

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



61.9806, 73.1892, 68.4278



61.0486, 73.1892, 80.7214



62.3131, 73.1892, 94.0982

Triad

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



61.0486, 73.1892, 80.7214



74.4280, 73.1892, 103.2213



73.7806, 73.1892, 59.1930

Complementary

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



61.0486, 73.1892, 80.7214



58.9122, 53.2399, 55.3184

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.



77.3570, 73.1892, 66.8342



61.0486, 73.1892, 80.7214



77.7423, 73.1892, 92.1261

Square

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



61.0486, 73.1892, 80.7214



69.9231, 73.1892, 107.9542



78.8369, 73.1892, 78.6686



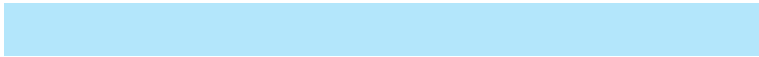
69.2064, 73.1892, 56.8483

Rectangle

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



61.0486, 73.1892, 80.7214



64.2656, 73.1892, 101.5993



78.8369, 73.1892, 78.6686



75.1462, 73.1892, 61.1822

Sweetspot

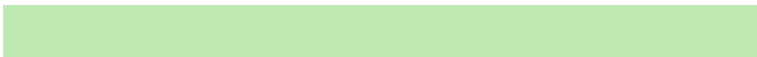
The Sweet Spot groups the original color and five complimentary colors.



61.0507, 73.1922, 80.7231



88.2573, 96.5592, 105.8273



58.4631, 72.4570, 53.5534



18.7714, 20.6073, 22.5954



0.0000, 0.0000, 0.0000



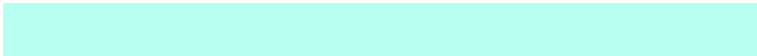
20.3446, 21.4041, 23.3091

Same Dimension

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



61.0507, 73.1922, 80.7231



71.4246, 88.0583, 97.0595



58.0619, 64.9921, 86.5787



15.3910, 17.0712, 18.7420



21.8409, 35.1908, 33.4571



1.7460, 2.7757, 2.7904

Inverse Universe

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



58.9122, 53.2399, 55.3184



68.3556, 59.3982, 60.5808



61.3033, 59.7005, 50.9414



15.1794, 15.0996, 16.2302



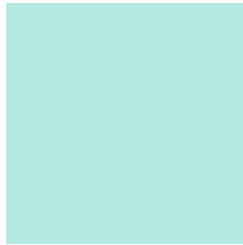
19.3499, 9.9426, 2.3778



1.5516, 0.7936, 0.3562

Previews

White Background



This preview shows how the XYZ color 61.0486, 73.1892, 80.7214 looks on a white background.

Color Contrast Check

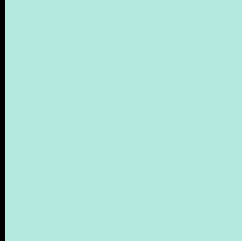
Large Text (above 18pt) WCAG AA × Fail

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 61.0486, 73.1892, 80.7214 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

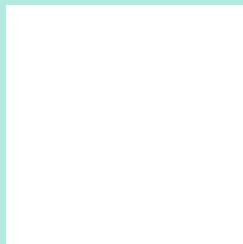
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.0486, 73.1892, 80.7214

Background



This preview shows how black text looks on a background with the XYZ color 61.0486, 73.1892, 80.7214.



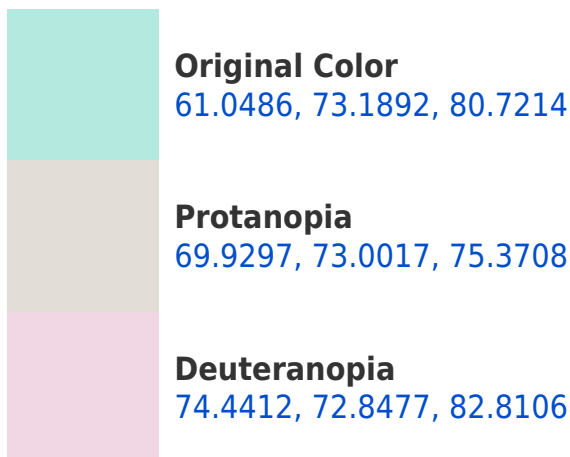
This preview shows how white text looks on a background with the XYZ color 61.0486, 73.1892,

80.7214.

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

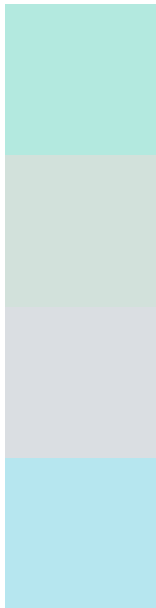




Tritanopia

64.7298, 73.0063, 99.4869

Trichromacy



Original Color

61.0486, 73.1892, 80.7214

Protanomaly

66.2897, 72.6665, 77.5500

Deuteranomaly

68.7622, 72.6390, 82.3481

Tritanomaly

63.1682, 72.7707, 92.3782

Monochromacy



Original Color

61.0486, 73.1892, 80.7214

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

63.5361, 70.0535, 77.1908

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0486, 73.1892, 80.7214 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(179, 233, 223)` looks like.

```
.text, #text, p{  
    color:rgb(179, 233, 223)  
}
```

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(179, 233, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 233, 223) }
```

Border

The CSS property to change the border of an element to XYZ 61.0486, 73.1892, 80.7214 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(179, 233, 223) }
```


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

```
.border{ border-color:rgb(179, 233, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 233, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 233, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 233, 223);  
box-shadow:4px 4px 4px 4px rgb(179, 233,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0486, 73.1892, 80.7214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 233, 223) }
```

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

```
.background{ background-color: rgb(179,  
233, 223) }
```

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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