

Converting Colors

XYZ(61.7238, 72.8703, 76.8373)

Have a look what the booklet for
XYZ(61.7238, 72.8703, 76.8373)
contains.

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Color

**XYZ(61.7243, 72.7786,
77.1241)**

Conversions

Conversions Part 1

Format	Color
Hex	BBE7DA
RGB	187, 231, 218
RGB Percent	73%, 91%, 85%
CMY	0.2667, 0.0941, 0.1451
CMYK	0.19, 0.00, 0.06, 0.09
HSL	162°, 48%, 82%
HSV	162°, 19%, 91%
XYZ	61.7243, 72.7786, 77.1241
YIQ	216.3620, -22.0510, -13.3710

Conversions

Conversions Part 2

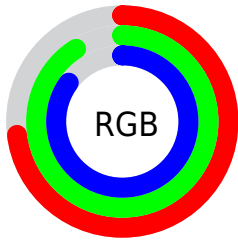
Format	Color
RYB	187, 213, 231
Decimal	12314586
CIELab	88.34, -16.76, 1.62
CIELCh	88, 16.840, 174.485
Yxy	72.7786, 0.2917, 0.3439
Android (android.graphics.Color)	4290504666 (0xFFBBE7DA)
YUV	216.3620, 0.8075, -25.7505
Hunter-Lab	85.3104, -20.1437, 6.1167

Details

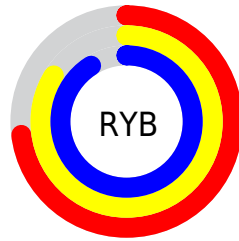
The XYZ color **61.7243, 72.7786, 77.1241** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **61.1532, 56.7016, 62.3681**, and the grayscale version is **65.5242, 68.9365, 75.0719**.

A 20% lighter version of the original color is **91.1182, 97.9731, 108.7160**, and **31.6137, 38.2908, 40.3750** is the 20% darker color. If you saturate the color by 10%, you get **55.6466, 69.7485, 72.2732**, and if you desaturate by 10%, it is **68.7519, 76.2981, 82.2146**.

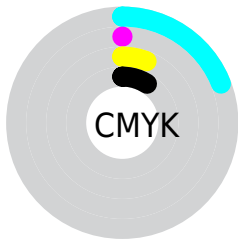
Distribution



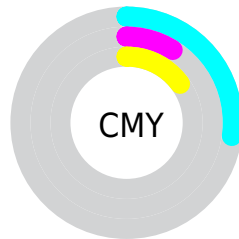
- Red (73%)
- Green (91%)
- Blue (85%)



- Red (73%)
- Yellow (84%)
- Blue (91%)



- Cyan (19%)
- Magenta (0%)
- Yellow (6%)
- Black (9%)





- Cyan (27%)
- Magenta (9%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.7243, 72.7786, 77.1241 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 61.7243, 72.7786, 77.1241 by changing the saturation by 10% instead.


 61.7243, 72.7786,
77.1241

 61.7243, 72.7786,
77.1241


420.6583,
470.2471, 504.6359

 45.0647, 53.7949,
56.8426

 106.4192,
123.1629, 131.0893

 31.7099, 38.4378,
40.4703


135.1851,
155.3322, 165.6100

 21.2945, 26.3226,
27.5889


168.7173,
192.6657, 205.7141

 13.4531, 17.0651,
17.7796

207.3810,
235.5475, 251.8203

 7.8204, 10.2810,
10.6241

251.5416,
284.3622, 304.3470

 4.0311, 5.5856,
5.7037

301.5645,


 1.7197, 2.5948,


339.4941, 363.7129


2.5999


357.8149,
401.3276, 430.3363


 0.4686, 0.9241,
0.8924


 0.0000, 0.0000,
0.0000


 61.7243, 72.7786,
77.1241


 61.7243, 72.7786,
77.1241


 55.6466, 69.7485,
72.2732


 68.7519, 76.2981,
82.2146


 50.4689, 67.1762,
67.6527


 76.7642, 80.3189,
87.5440


 46.1459, 65.0404,
63.2597

 85.3206, 84.6159,
93.0954


 42.6257, 63.3143,
59.0894


 86.3456, 85.0259,
98.4930


 39.8507, 61.9683,
55.1366


 87.4091, 85.4513,
104.0932

 37.7552, 60.9687,
51.3959

 87.8673, 85.6345,
106.5058

 36.2618, 60.2755,
47.8611

 35.2507, 59.8271,
44.5240

 35.1650, 59.7896,
44.2160

Harmonies

Analogous

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



63.0400, 72.7786, 67.0065



61.7243, 72.7786, 77.1241



62.3407, 72.7786, 88.8290

Triad

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



61.7243, 72.7786, 77.1241



72.4445, 72.7786, 101.2698



73.7866, 72.7786, 62.4752

Complementary

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



61.7243, 72.7786, 77.1241



61.1532, 56.7016, 62.3681

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.



76.4890, 72.7786, 70.3736



61.7243, 72.7786, 77.1241



75.6933, 72.7786, 92.8865

Square

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



61.7243, 72.7786, 77.1241



68.4298, 72.7786, 103.5218



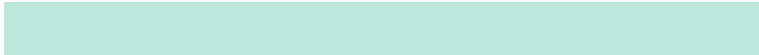
77.2000, 72.7786, 81.4014



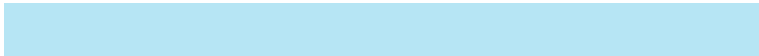
69.9233, 72.7786, 59.0930

Rectangle

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



61.7243, 72.7786, 77.1241



63.7771, 72.7786, 95.8822



77.2000, 72.7786, 81.4014



74.8668, 72.7786, 64.6505

Sweetspot

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



61.7264, 72.7816, 77.1257



88.9239, 96.9250, 104.8582



61.4207, 73.0498, 57.8776



18.8966, 20.6773, 22.3512



0.0000, 0.0000, 0.0000



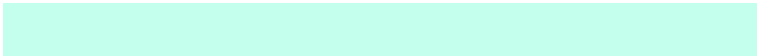
20.3446, 21.4041, 23.3091

Same Dimension

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



61.7264, 72.7816, 77.1257



74.0000, 89.4563, 94.0004



61.0940, 68.6860, 85.6426



14.6164, 16.2600, 17.5109



19.7700, 33.5401, 25.0867



1.5012, 2.4946, 2.0658

Inverse Universe

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



61.1532, 56.7016, 62.3681



73.1559, 65.7367, 72.2380



61.6218, 59.9685, 55.3420



14.5513, 14.4377, 15.8378



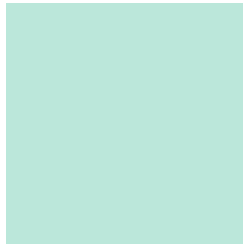
19.1119, 9.7790, 4.2181



1.4520, 0.7385, 0.5206

Previews

White Background



This preview shows how the XYZ color 61.7243, 72.7786, 77.1241 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 61.7243, 72.7786, 77.1241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

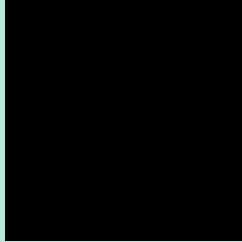
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

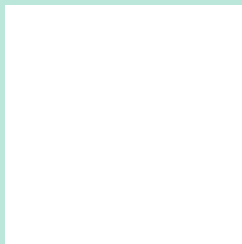
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.7243, 72.7786, 77.1241

Background



This preview shows how black text looks on a background with the XYZ color 61.7243, 72.7786, 77.1241.

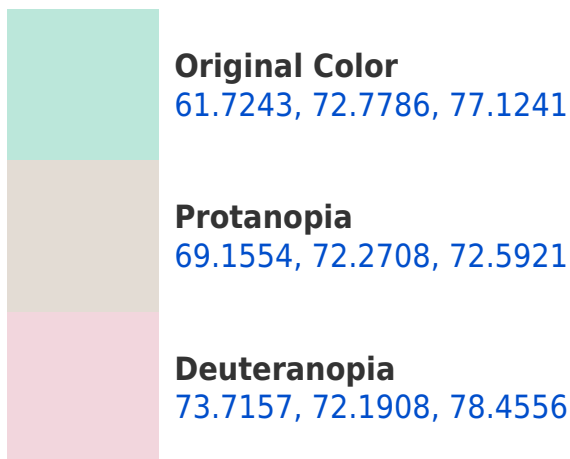


This preview shows how white text looks on a background with the XYZ color 61.7243, 72.7786,

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

65.6887, 72.7372, 96.9637

Trichromacy



Original Color

61.7243, 72.7786, 77.1241

Protanomaly

65.9446, 72.1634, 74.0716

Deuteranomaly

68.6357, 71.8833, 77.9675

Tritanomaly

63.9740, 72.4321, 89.2063

Monochromacy



Original Color

61.7243, 72.7786, 77.1241

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

63.5577, 69.7018, 75.7496

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7243, 72.7786, 77.1241 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(187, 231, 218)` looks like.

```
.text, #text, p{  
    color:rgb(187, 231, 218)  
}
```

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(187, 231, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 231, 218) }
```

Border

The CSS property to change the border of an element to XYZ 61.7243, 72.7786, 77.1241 is called "border". The border property can be set on classes, ids or directly on the HTML element.

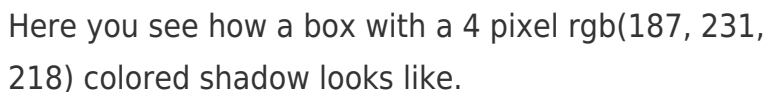
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 231, 218) }
```


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

```
.border{ border-color:rgb(187, 231, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 231, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 231, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 231, 218);  
box-shadow:4px 4px 4px 4px rgb(187, 231,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7243, 72.7786, 77.1241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 231, 218) }
```

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

```
.background{ background-color: rgb(187,  
231, 218) }
```

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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