

Converting Colors

XYZ(62.5819, 73.3243, 72.4826)

Have a look what the booklet for
XYZ(62.5819, 73.3243, 72.4826)
contains.

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Color

**XYZ(62.5819, 73.3243,
72.4826)**

Conversions

Conversions Part 1

Format	Color
Hex	C2E7D3
RGB	194, 231, 211
RGB Percent	76%, 91%, 83%
CMY	0.2392, 0.0941, 0.1725
CMYK	0.16, 0.00, 0.09, 0.09
HSL	148°, 44%, 83%
HSV	148°, 16%, 91%
XYZ	62.5819, 73.3243, 72.4826
YIQ	217.6570, -15.6320, -14.0640

Conversions

Conversions Part 2

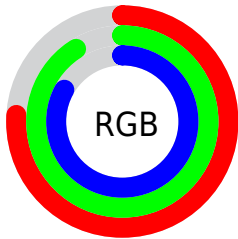
Format	Color
RYB	194, 219, 231
Decimal	12773331
CIELab	88.60, -15.89, 5.72
CIELCh	89, 16.885, 160.207
Yxy	73.3243, 0.3003, 0.3519
Android (android.graphics.Color)	4290963411 (0xFFC2E7D3)
YUV	217.6570, -3.2819, -20.7472
Hunter-Lab	85.6296, -19.3961, 9.7537

Details

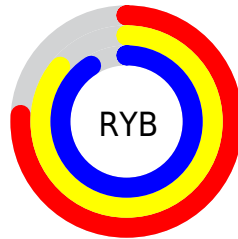
The XYZ color **62.5819, 73.3243, 72.4826** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **64.3870, 60.4293, 71.8920**, and the grayscale version is **66.4356, 69.8954, 76.1161**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **32.2310, 38.6697, 37.6635** is the 20% darker color. If you saturate the color by 10%, you get **55.6028, 69.9024, 64.2994**, and if you desaturate by 10%, it is **70.6083, 77.2761, 81.3528**.

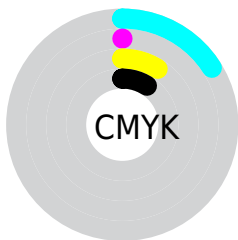
Distribution



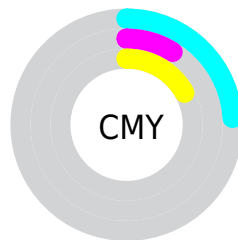
- Red (76%)
- Green (91%)
- Blue (83%)



- Red (76%)
- Yellow (86%)
- Blue (91%)



- Cyan (16%)
- Magenta (0%)
- Yellow (9%)
- Black (9%)



- Cyan (24%)
- Magenta (9%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.5819, 73.3243, 72.4826 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 62.5819, 73.3243, 72.4826 by changing the saturation by 10% instead.

62.5819, 73.3243,
72.4826

62.5819, 73.3243,
72.4826

423.7343,
472.1380, 488.2422

45.7604, 54.2412,
53.0638

107.6513,
123.9375, 124.4565

32.2606, 38.7945,
37.4656

136.6299,
156.2363, 157.8487

21.7172, 26.5999,
25.2696

170.3917,
193.7092, 196.7356

13.7647, 17.2730,
16.0572

209.3019,
236.7406, 241.5360

8.0378, 10.4293,
9.4098

253.7259,
285.7147, 292.6683

4.1711, 5.6845,
4.9090

304.0291,

1.7994, 2.6542,

341.0161, 350.5511

2.1362

360.5768,
403.0290, 415.6029

0.5173, 0.9540,
0.6372

0.0000, 0.0000,
0.0000

62.5819, 73.3243,
72.4826

62.5819, 73.3243,
72.4826

55.6028, 69.9024,
64.2994

70.6083, 77.2761,
81.3528

49.6197, 66.9782,
56.7820

79.7183, 81.7701,
90.9210

44.5861, 64.5301,
49.9147

86.8328, 85.2208,
101.0581

40.4491, 62.5311,
43.6797

87.8673, 85.6346,
106.5058

■ 37.1503, 60.9515,
38.0582

■ 34.6241, 59.7579,
33.0304

■ 32.7944, 58.9113,
28.5751

■ 31.5672, 58.3639,
24.6696

■ 31.1855, 58.1979,
23.2604

Harmonies

Analogous

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



64.7593, 73.3243, 63.9075



62.5819, 73.3243, 72.4826



62.2672, 73.3243, 83.8776

Triad

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



62.5819, 73.3243, 72.4826



71.0892, 73.3243, 104.0026



75.8449, 73.3243, 66.2192

Complementary

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



62.5819, 73.3243, 72.4826



64.3870, 60.4293, 71.8920

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.



77.6859, 73.3243, 75.9297



62.5819, 73.3243, 72.4826



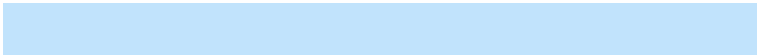
74.8702, 73.3243, 98.2169

Square

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



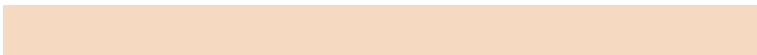
62.5819, 73.3243, 72.4826



67.0747, 73.3243, 102.8500



77.3224, 73.3243, 87.6743



72.3777, 73.3243, 60.5427

Rectangle

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



62.5819, 73.3243, 72.4826



63.1426, 73.3243, 91.6594



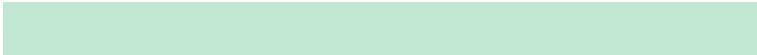
77.3224, 73.3243, 87.6743



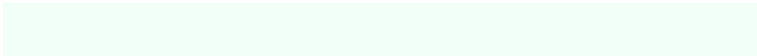
76.6805, 73.3243, 69.0788

Sweetspot

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



62.5839, 73.3274, 72.4842



89.4238, 97.2255, 102.9478



66.1499, 75.3991, 62.1069



18.9771, 20.7298, 21.8598



0.0000, 0.0000, 0.0000



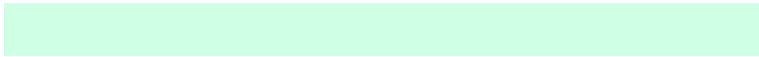
20.3446, 21.4041, 23.3091

Same Dimension

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



62.5839, 73.3274, 72.4842



75.4828, 90.3671, 87.4532



64.9903, 74.2899, 85.1561



14.4634, 16.1988, 16.7048



17.5433, 32.6494, 13.3613



1.3428, 2.4313, 1.2319

Inverse Universe

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



64.3870, 60.4293, 71.8920



78.1150, 71.5363, 86.5878



62.1957, 59.5528, 60.3529



14.7012, 14.4977, 16.6268



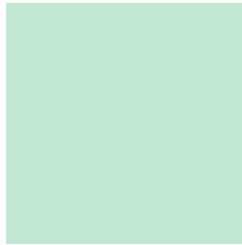
20.6092, 10.3779, 12.1027



1.5697, 0.7856, 1.1407

Previews

White Background



This preview shows how the XYZ color 62.5819, 73.3243, 72.4826 looks on a white background.

Color Contrast Check

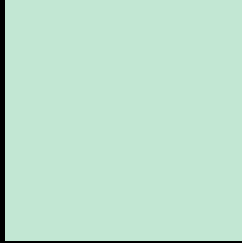
Large Text (above 18pt) WCAG AA × Fail

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 62.5819, 73.3243, 72.4826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

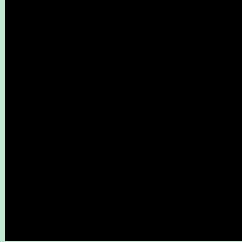
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

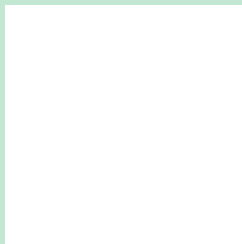
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.5819, 73.3243, 72.4826

Background



This preview shows how black text looks on a background with the XYZ color 62.5819, 73.3243, 72.4826.



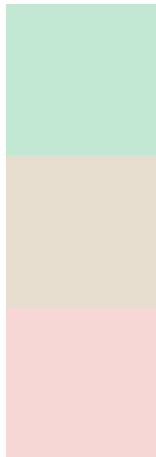
This preview shows how white text looks on a background with the XYZ color 62.5819, 73.3243,

72.4826.

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

62.5819, 73.3243, 72.4826

Protanopia

69.6302, 72.9921, 68.8115

Deuteranopia

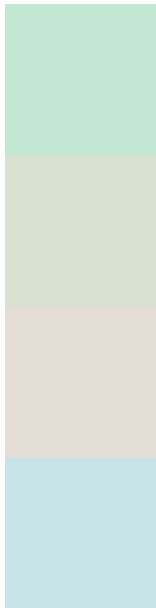
74.4441, 73.0487, 73.7945



Tritanopia

67.3449, 73.2037, 96.1682

Trichromacy



Original Color

62.5819, 73.3243, 72.4826

Protanomaly

66.9257, 73.1562, 70.2677

Deuteranomaly

69.5452, 72.8479, 73.3464

Tritanomaly

65.5976, 73.3188, 87.0385

Monochromacy



Original Color

62.5819, 73.3243, 72.4826

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

64.9479, 71.2370, 74.6170

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.5819, 73.3243, 72.4826 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(194, 231, 211)` looks like.

```
.text, #text, p{  
    color:rgb(194, 231, 211)  
}
```

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(194, 231, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 231, 211) }
```

Border

The CSS property to change the border of an element to XYZ 62.5819, 73.3243, 72.4826 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(194, 231, 211) }
```


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

```
.border{ border-color:rgb(194, 231, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 231, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 231, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 231, 211);  
box-shadow:4px 4px 4px 4px rgb(194, 231,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 62.5819, 73.3243, 72.4826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 231, 211) }
```

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

```
.background{ background-color: rgb(194,  
231, 211) }
```

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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