

Converting Colors

XYZ(62.2081, 70.8988, 74.5738)

Have a look what the booklet for
XYZ(62.2081, 70.8988, 74.5738)
contains.

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Color

**XYZ(62.2270, 71.0348,
74.7213)**

Conversions

Conversions Part 1

Format	Color
Hex	C4E2D7
RGB	196, 226, 215
RGB Percent	77%, 89%, 84%
CMY	0.2314, 0.1137, 0.1569
CMYK	0.13, 0.00, 0.05, 0.11
HSL	158°, 34%, 83%
HSV	158°, 13%, 89%
XYZ	62.2270, 71.0348, 74.7213
YIQ	215.7760, -14.3490, -9.7810

Conversions

Conversions Part 2

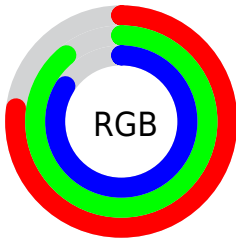
Format	Color
R _{YB}	196, 214, 226
Decimal	12903127
CIE Lab	87.50, -11.97, 2.04
CIE LCh	88, 12.141, 170.323
Yxy	71.0348, 0.2992, 0.3415
Android (android.graphics.Color)	4291093207 (0xFFC4E2D7)
YUV	215.7760, -0.3826, -17.3436
Hunter-Lab	84.2821, -15.7040, 6.4333

Details

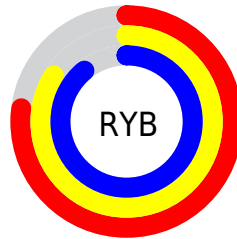
The XYZ color **62.2270, 71.0348, 74.7213** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **62.3690, 60.1553, 67.3586**, and the grayscale version is **65.1290, 68.5207, 74.6191**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **32.0634, 37.4147, 38.7895** is the 20% darker color. If you saturate the color by 10%, you get **55.7475, 67.8164, 68.9994**, and if you desaturate by 10%, it is **69.6500, 74.7372, 80.7720**.

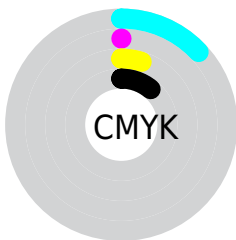
Distribution



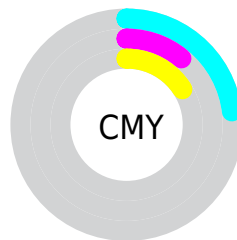
- Red (77%)
- Green (89%)
- Blue (84%)



- Red (77%)
- Yellow (84%)
- Blue (89%)



- Cyan (13%)
- Magenta (0%)
- Yellow (5%)
- Black (11%)



- Cyan (23%)
- Magenta (11%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.2270, 71.0348, 74.7213 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 62.2270, 71.0348, 74.7213 by changing the saturation by 10% instead.

62.2270, 71.0348,
74.7213

62.2270, 71.0348,
74.7213

422.4630,
464.1751, 496.1889

45.4724, 52.3706,
54.8842

107.1416,
120.6833, 127.6612

32.0326, 37.3006,
38.9111

136.0324,
152.4363, 161.6012

21.5420, 25.4403,
26.3833

169.6993,
189.3211, 201.0792

13.6355, 16.4054,
16.8822

208.5077,
231.7221, 246.5138

7.9476, 9.8115,
9.9895

252.8229,
280.0235, 298.3235

4.1130, 5.2741,
5.2865

303.0103,

1.7662, 2.4090,

334.6099, 356.9270

2.3547

359.4352,
395.8657, 422.7426

■ 0.4972, 0.8305,
0.7616

■ 0.0000, 0.0000,
0.0000

■ 62.2270, 71.0348,
74.7213

■ 62.2270, 71.0348,
74.7213

■ 55.7475, 67.8164,
68.9994

■ 69.6500, 74.7372,
80.7720

■ 50.1653, 65.0525,
63.5956

■ 78.0482, 78.9341,
87.1527

■ 45.4391, 62.7238,
58.5053

■ 84.1461, 81.9388,
93.7153

■ 41.5218, 60.8062,
53.7218

■ 85.4051, 82.4424,
100.3451

■ 38.3620, 59.2732,
49.2384

■ 86.4877, 82.8754,
106.0459

■ 35.9016, 58.0950,
45.0479

■ 34.0739, 57.2374,
41.1424

■ 32.7983, 56.6588,
37.5133

■ 32.1648, 56.3823,
35.2220

Harmonies

Analogous

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



63.3621, 71.0348, 67.6969



62.2270, 71.0348, 74.7213



62.4780, 71.0348, 82.9584

Triad

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



62.2270, 71.0348, 74.7213



69.4491, 71.0348, 93.1137



71.0974, 71.0348, 65.8195

Complementary

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



62.2270, 71.0348, 74.7213



62.3690, 60.1553, 67.3586

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.



72.8187, 71.0348, 71.9904



62.2270, 71.0348, 74.7213



71.8485, 71.0348, 87.8684

Square

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



62.2270, 71.0348, 74.7213



66.5941, 71.0348, 93.9743



73.0975, 71.0348, 80.0290



68.4473, 71.0348, 62.8029

Rectangle

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



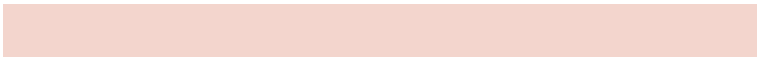
62.2270, 71.0348, 74.7213



63.4004, 71.0348, 88.0168



73.0975, 71.0348, 80.0290



71.8069, 71.0348, 67.5723

Sweetspot

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



62.2290, 71.0378, 74.7229



90.7999, 97.8779, 105.5879



63.0346, 71.7190, 62.7463



19.2688, 20.8670, 22.4685



0.0000, 0.0000, 0.0000



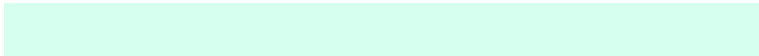
20.3446, 21.4041, 23.3091

Same Dimension

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



62.2290, 71.0378, 74.7229



79.2837, 92.1397, 96.0730



62.7490, 69.7382, 82.1087



13.8922, 15.4826, 16.4674



18.4081, 32.1881, 20.4038



1.3186, 2.2482, 1.6389

Inverse Universe

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



62.3690, 60.1553, 67.3586



79.5028, 75.1207, 84.5576



61.8687, 61.2334, 60.7838



13.9140, 13.7832, 15.3172



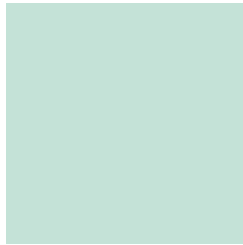
18.8337, 9.6005, 5.7900



1.3476, 0.6823, 0.6231

Previews

White Background



This preview shows how the XYZ color 62.2270, 71.0348, 74.7213 looks on a white background.

Color Contrast Check

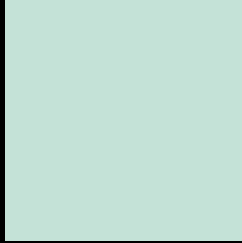
Large Text (above 18pt) WCAG AA × Fail

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 62.2270, 71.0348, 74.7213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

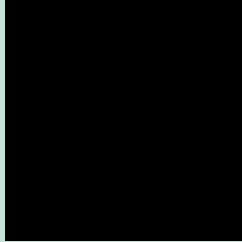
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

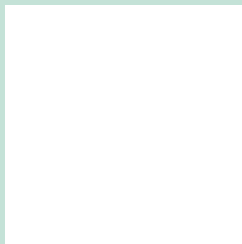
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.2270, 71.0348, 74.7213

Background



This preview shows how black text looks on a background with the XYZ color 62.2270, 71.0348, 74.7213.

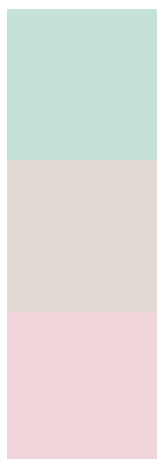


This preview shows how white text looks on a background with the XYZ color 62.2270, 71.0348,

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

62.2270, 71.0348, 74.7213

Protanopia

67.8806, 70.8535, 71.7264

Deuteranopia

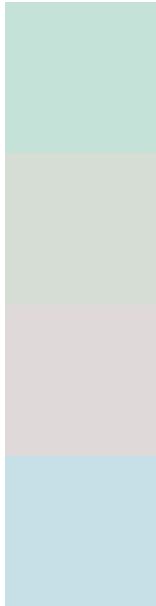
72.1336, 70.6742, 76.1693



Tritanopia

65.6689, 70.8132, 92.6453

Trichromacy



Original Color

62.2270, 71.0348, 74.7213

Protanomaly

65.4717, 70.7625, 72.4952

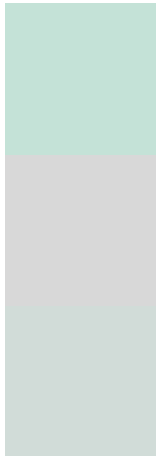
Deuteranomaly

68.0777, 70.4828, 75.6621

Tritanomaly

64.3647, 70.6870, 85.8529

Monochromacy



Original Color

62.2270, 71.0348, 74.7213

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

64.2824, 69.6996, 75.0311

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.2270, 71.0348, 74.7213 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(196, 226, 215) looks like.

```
.text, #text, p{  
    color:rgb(196, 226, 215)  
}
```

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(196, 226, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 226, 215) }
```

Border

The CSS property to change the border of an element to XYZ 62.2270, 71.0348, 74.7213 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(196, 226, 215) }
```


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

```
.border{ border-color:rgb(196, 226, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 226, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 226, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 226, 215); box-shadow:4px 4px 4px 4px rgb(196, 226, 215) }
```

Background

The CSS property to change the background color of an element to XYZ 62.2270, 71.0348, 74.7213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 226, 215) }
```

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

```
.background{ background-color: rgb(196,  
226, 215) }
```

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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