

Converting Colors

XYZ(62.6267, 70.4823, 72.5910)

Have a look what the booklet for
XYZ(62.6267, 70.4823, 72.5910)
contains.

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Color

**XYZ(62.6267, 70.4823,
72.5910)**

Conversions

Conversions Part 1

Format	Color
Hex	C9E0D4
RGB	201, 224, 212
RGB Percent	79%, 88%, 83%
CMY	0.2118, 0.1215, 0.1686
CMYK	0.10, 0.00, 0.05, 0.12
HSL	149°, 27%, 83%
HSV	149°, 10%, 88%
XYZ	62.6267, 70.4823, 72.5910
YIQ	215.7550, -9.8560, -8.6080

Conversions

Conversions Part 2

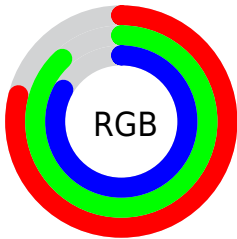
Format	Color
R _Y B	201, 217, 224
Decimal	13230292
CIE Lab	87.23, -9.88, 3.27
CIE LCh	87, 10.408, 161.691
Yxy	70.4823, 0.3045, 0.3426
Android (android.graphics.Color)	4291420372 (0xFFC9E0D4)
YUV	215.7550, -1.8512, -12.9401
Hunter-Lab	83.9537, -13.7640, 7.5022

Details

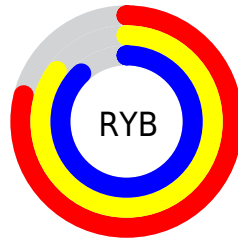
The XYZ color **62.6267, 70.4823, 72.5910** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.6399, 62.4264, 71.6494**, and the grayscale version is **65.1222, 68.5136, 74.6113**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.3064, 37.0133, 37.3398** is the 20% darker color. If you saturate the color by 10%, you get **55.6173, 67.0350, 64.8432**, and if you desaturate by 10%, it is **70.6250, 74.4310, 80.9453**.

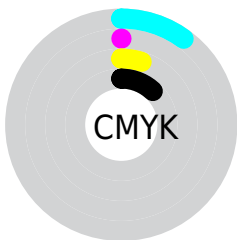
Distribution



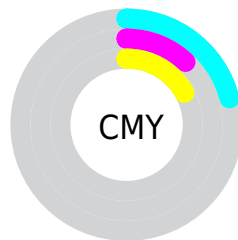
- Red (79%)
- Green (88%)
- Blue (83%)



- Red (79%)
- Yellow (85%)
- Blue (88%)



- Cyan (10%)
- Magenta (0%)
- Yellow (5%)
- Black (12%)



- Cyan (21%)
- Magenta (12%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.6267, 70.4823, 72.5910 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 62.6267, 70.4823, 72.5910 by changing the saturation by 10% instead.

■ 62.6267, 70.4823,
72.5910

■ 62.6267, 70.4823,
72.5910

423.8947,
462.2416, 488.6288

■ 45.7968, 51.9198,
53.1518

107.7156,
119.8963, 124.6119

■ 32.2894, 36.9412,
37.5354

136.7053,
151.5166, 158.0308

■ 21.7393, 25.1619,
25.3233

170.4790,
188.2583, 196.9465

■ 13.7810, 16.1978,
16.0969

209.4021,
230.5058, 241.7778

■ 8.0492, 9.6642,
9.4376

253.8398,
278.6435, 292.9432

■ 4.1785, 5.1769,
4.9270

304.1576,

■ 1.8036, 2.3514,

333.0558, 350.8611

2.1465

360.7207,
394.1270, 415.9501

■ 0.5198, 0.8007,
0.6433

■ 0.0000, 0.0000,
0.0000

■ 62.6267, 70.4823,
72.5910

■ 62.6267, 70.4823,
72.5910

■ 55.6173, 67.0350,
64.8432

■ 70.6250, 74.4310,
80.9453

■ 49.5507, 64.0598,
57.6836

■ 79.6441, 78.8913,
89.9146

■ 44.3860, 61.5377,
51.0997

■ 84.6960, 81.2936,
99.2779

■ 40.0769, 59.4451,
45.0769

■ 85.9470, 81.7940,
105.8657

■ 36.5727, 57.7562,
39.5996

■ 33.8170, 56.4422,
34.6517

■ 31.7456, 55.4704,
30.2163

■ 30.2827, 54.8020,
26.2748

■ 29.3170, 54.3780,
22.8932

Harmonies

Analogous

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



63.9130, 70.4823, 67.1222



62.6267, 70.4823, 72.5910



62.4925, 70.4823, 79.5037

Triad

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



62.6267, 70.4823, 72.5910



67.9484, 70.4823, 90.6966



70.5634, 70.4823, 68.1325

Complementary

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



62.6267, 70.4823, 72.5910



63.6399, 62.4264, 71.6494

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.



71.7010, 70.4823, 74.0474



62.6267, 70.4823, 72.5910



70.1669, 70.4823, 87.2423

Square

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



62.6267, 70.4823, 72.5910



65.5253, 70.4823, 90.2476



71.5541, 70.4823, 81.0509



68.4790, 70.4823, 64.6581

Rectangle

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



62.6267, 70.4823, 72.5910



63.0703, 70.4823, 84.0354



71.5541, 70.4823, 81.0509



71.0715, 70.4823, 69.8856

Sweetspot

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



62.6287, 70.4853, 72.5926



91.6552, 98.3234, 105.4211



64.7188, 71.7177, 65.6911



19.4283, 20.9516, 22.3682



0.0000, 0.0000, 0.0000



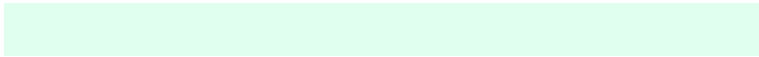
20.3446, 21.4041, 23.3091

Same Dimension

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



62.6287, 70.4853, 72.5926



82.2094, 93.6652, 95.4330



64.0962, 71.0723, 80.3207



13.8004, 15.4459, 15.9840



17.1212, 31.6733, 13.6270



1.2318, 2.2134, 1.1818

Inverse Universe

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



63.6399, 62.4264, 71.6494



83.7861, 81.0997, 93.9623



62.2623, 61.8754, 64.3949



14.0045, 13.8194, 15.7937



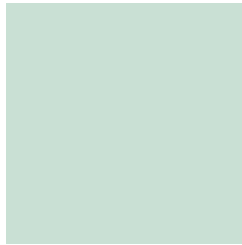
19.8168, 9.9937, 10.9667



1.4188, 0.7108, 0.9981

Previews

White Background



This preview shows how the XYZ color 62.6267, 70.4823, 72.5910 looks on a white background.

Color Contrast Check

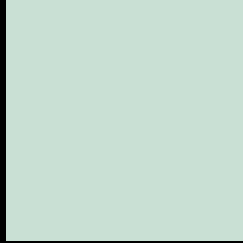
Large Text (above 18pt) WCAG AA × Fail

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 62.6267, 70.4823, 72.5910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

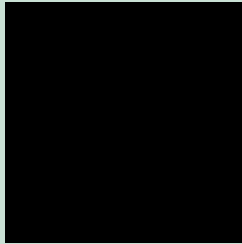
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

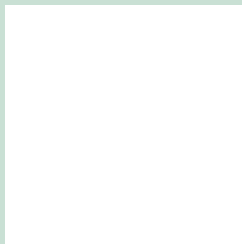
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.6267, 70.4823, 72.5910

Background



This preview shows how black text looks on a background with the XYZ color 62.6267, 70.4823, 72.5910.

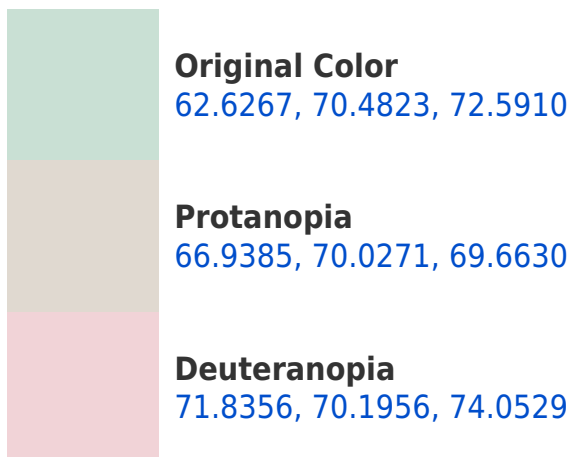


This preview shows how white text looks on a background with the XYZ color 62.6267, 70.4823, 72.5910.

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

66.2027, 70.3386, 90.9764

Trichromacy



Original Color

62.6267, 70.4823, 72.5910

Protanomaly

65.4207, 70.3888, 70.4600

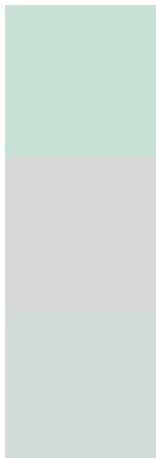
Deuteranomaly

68.0575, 70.1355, 73.5688

Tritanomaly

64.9011, 70.2074, 84.2595

Monochromacy



Original Color

62.6267, 70.4823, 72.5910

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

64.4612, 69.4182, 74.2916

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.6267, 70.4823, 72.5910 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(201, 224, 212) looks like.

```
.text, #text, p{  
    color:rgb(201, 224, 212)  
}
```

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(201, 224, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 224, 212) }
```

Border

The CSS property to change the border of an element to XYZ 62.6267, 70.4823, 72.5910 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(201, 224, 212) }
```


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

```
.border{ border-color:rgb(201, 224, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 224, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 224, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 224, 212);  
box-shadow:4px 4px 4px 4px rgb(201, 224,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 62.6267, 70.4823, 72.5910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 224, 212) }
```

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

```
.background{ background-color: rgb(201,  
224, 212) }
```

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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