

Converting Colors

XYZ(62.1505, 69.4006, 71.6726)

Have a look what the booklet for
XYZ(62.1505, 69.4006, 71.6726)
contains.

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Color

**XYZ(62.2363, 69.5023,
71.7631)**

Conversions

Conversions Part 1

Format	Color
Hex	CADED3
RGB	202, 222, 211
RGB Percent	79%, 87%, 83%
CMY	0.2078, 0.1294, 0.1725
CMYK	0.09, 0.00, 0.05, 0.13
HSL	147°, 23%, 83%
HSV	147°, 9%, 87%
XYZ	62.2363, 69.5023, 71.7631
YIQ	214.7660, -8.3890, -7.6610

Conversions

Conversions Part 2

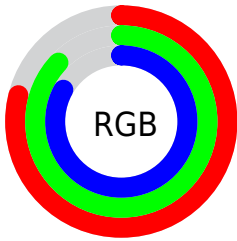
Format	Color
R_{YB}	202, 216, 222
Decimal	13295315
CIE _{Lab}	86.75, -8.72, 3.11
CIE _{LCh}	87, 9.253, 160.375
Yxy	69.5023, 0.3058, 0.3415
Android (android.graphics.Color)	4291485395 (0xFFCADED3)
YUV	214.7660, -1.8566, -11.1958
Hunter-Lab	83.3680, -12.6394, 7.3209

Details

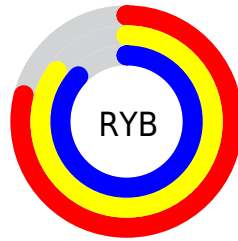
The XYZ color **62.2363, 69.5023, 71.7631** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.2575, 62.5766, 71.6986**, and the grayscale version is **64.4509, 67.8074, 73.8423**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.1173, 36.3677, 37.2252** is the 20% darker color. If you saturate the color by 10%, you get **55.1831, 66.0384, 63.7431**, and if you desaturate by 10%, it is **70.2739, 73.4641, 80.4393**.

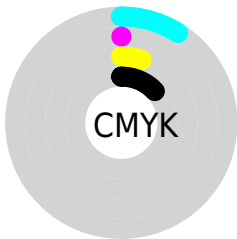
Distribution



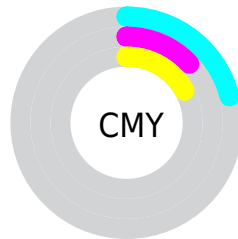
- Red (79%)
- Green (87%)
- Blue (83%)



- Red (79%)
- Yellow (85%)
- Blue (87%)



- Cyan (9%)
- Magenta (0%)
- Yellow (5%)
- Black (13%)



- Cyan (21%)
- Magenta (13%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.2363, 69.5023, 71.7631 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 62.2363, 69.5023, 71.7631 by changing the saturation by 10% instead.

■ 62.2363, 69.5023,
71.7631

■ 62.2363, 69.5023,
71.7631

422.4963,
458.8006, 485.6720

■ 45.4800, 51.1209,
52.4795

107.1550,
118.4987, 123.4242

■ 32.0385, 36.3048,
37.0026

136.0481,
149.8825, 156.6389

■ 21.5466, 24.6697,
24.9137

169.7175,
186.3693, 195.3343

■ 13.6389, 15.8312,
15.7943

208.5285,
228.3433, 239.9291

■ 7.9500, 9.4048,
9.2259

252.8466,
276.1891, 290.8417

■ 4.1145, 5.0061,
4.7900

303.0370,

■ 1.7671, 2.2509,

330.2909, 348.4906

2.0680

359.4651,
391.0333, 413.2946

■ 0.4977, 0.7475,
0.5966

■ 0.0000, 0.0000,
0.0000

■ 62.2363, 69.5023,
71.7631

■ 62.2363, 69.5023,
71.7631

■ 55.1831, 66.0384,
63.7431

■ 70.2739, 73.4641,
80.4393

■ 49.0692, 63.0437,
56.3594

■ 79.3270, 77.9337,
89.7818

■ 43.8545, 60.4997,
49.5978

■ 84.2497, 80.2601,
99.5637

■ 39.4936, 58.3833,
43.4417

■ 85.4126, 80.7252,
105.6875

■ 35.9372, 56.6695,
37.8738

■ 33.1305, 55.3303,
32.8759

■ 31.0113, 54.3340,
28.4289

■ 29.5067, 53.6435,
24.5122

■ 28.5037, 53.2008,
21.1025

Harmonies

Analogous

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



63.4140, 69.5023, 66.9975



62.2363, 69.5023, 71.7631



62.0704, 69.5023, 77.8317

Triad

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



62.2363, 69.5023, 71.7631



66.8083, 69.5023, 87.9493



69.2645, 69.5023, 68.2520

Complementary

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



62.2363, 69.5023, 71.7631



63.2575, 62.5766, 71.6986

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.



70.2167, 69.5023, 73.5608



62.2363, 69.5023, 71.7631



68.7783, 69.5023, 85.0737

Square

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



62.2363, 69.5023, 71.7631



64.6790, 69.5023, 87.4033



70.0369, 69.5023, 79.7290



67.4602, 69.5023, 65.0479

Rectangle

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



62.2363, 69.5023, 71.7631



62.5519, 69.5023, 81.8317



70.0369, 69.5023, 79.7290



69.6966, 69.5023, 69.8374

Sweetspot

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



62.2382, 69.5053, 71.7646



91.6211, 98.3098, 105.2416



64.3219, 70.7062, 66.1356



19.4191, 20.9479, 22.3198



0.0000, 0.0000, 0.0000



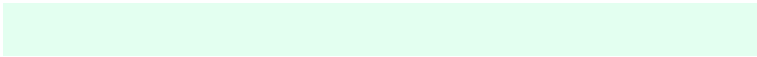
20.3446, 21.4041, 23.3091

Same Dimension

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



62.2382, 69.5053, 71.7646



83.0872, 94.1085, 95.8894



63.4876, 70.0050, 78.3435



13.7838, 15.4393, 15.8969



16.9328, 31.5980, 12.6350



1.2183, 2.2081, 1.1109

Inverse Universe

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



63.2575, 62.5766, 71.6986



84.7795, 82.6045, 95.7796



62.0661, 62.1000, 65.4248



14.0212, 13.8261, 15.8816



20.0409, 10.0834, 12.1470



1.4341, 0.7169, 1.0787

Previews

White Background



This preview shows how the XYZ color 62.2363, 69.5023, 71.7631 looks on a white background.

Color Contrast Check

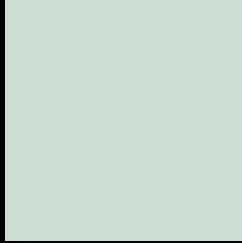
Large Text (above 18pt) WCAG AA × Fail

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 62.2363, 69.5023, 71.7631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

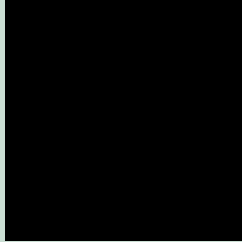
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

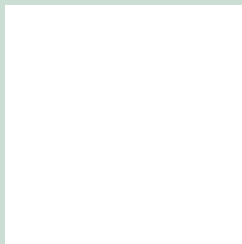
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.2363, 69.5023, 71.7631

Background



This preview shows how black text looks on a background with the XYZ color 62.2363, 69.5023, 71.7631.



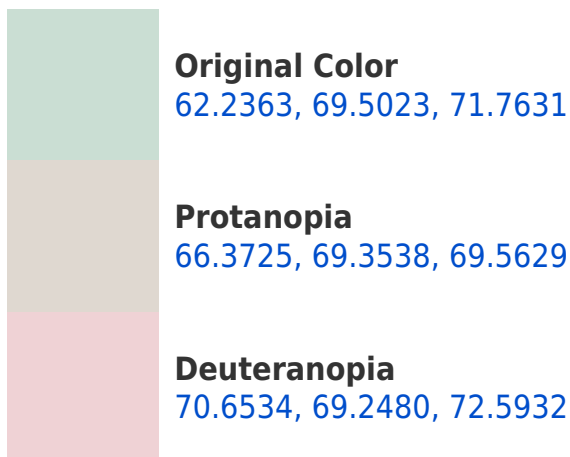
This preview shows how white text looks on a background with the XYZ color 62.2363, 69.5023,

71.7631.

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

65.6653, 69.3207, 89.2762

Trichromacy



Original Color

62.2363, 69.5023, 71.7631

Protanomaly

64.6044, 69.1933, 70.2722

Deuteranomaly

67.2943, 69.0154, 72.0619

Tritanomaly

64.3735, 69.1882, 82.6349

Monochromacy



Original Color

62.2363, 69.5023, 71.7631

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

63.7873, 68.6995, 73.5167

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.2363, 69.5023, 71.7631 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(202, 222, 211)` looks like.

```
.text, #text, p{  
    color:rgb(202, 222, 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(202, 222, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 222, 211) }
```

Border

The CSS property to change the border of an element to XYZ 62.2363, 69.5023, 71.7631 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(202, 222, 211) }
```


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

```
.border{ border-color:rgb(202, 222, 211) }
```

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

Here you see how a box with a 4 pixel rgb(202, 222, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 222, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 222, 211);  
box-shadow:4px 4px 4px 4px rgb(202, 222,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 62.2363, 69.5023, 71.7631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 222, 211) }
```

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

```
.background{ background-color: rgb(202,  
222, 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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