

Converting Colors

XYZ(62.5409, 70.0064, 71.0828)

Have a look what the booklet for
XYZ(62.5409, 70.0064, 71.0828)
contains.

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Color

**XYZ(62.6491, 70.1250,
71.2063)**

Conversions

Conversions Part 1

Format	Color
Hex	<code>CBDFD2</code>
RGB	<code>203, 223, 210</code>
RGB Percent	<code>80%, 87%, 82%</code>
CMY	<code>0.2039, 0.1255, 0.1765</code>
CMYK	<code>0.09, 0.00, 0.06, 0.13</code>
HSL	<code>141°, 24%, 84%</code>
HSV	<code>141°, 9%, 87%</code>
XYZ	<code>62.6491, 70.1250, 71.2063</code>
YIQ	<code>215.5380, -7.7470, -8.2830</code>

Conversions

Conversions Part 2

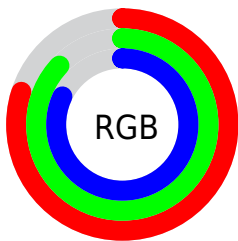
Format	Color
R_{YB}	203, 218, 223
Decimal	13361106
CIE Lab	87.06, -9.08, 4.09
CIE LCh	87, 9.954, 155.761
Yxy	70.1250, 0.3071, 0.3438
Android (android.graphics.Color)	4291551186 (0xFFC ^B DFD ²)
YUV	215.5380, -2.7302, -10.9958
Hunter-Lab	83.7407, -13.0046, 8.2030

Details

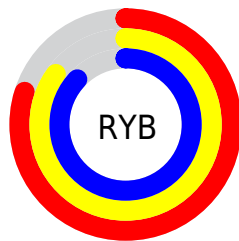
The XYZ color **62.6491, 70.1250, 71.2063** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.1845, 63.3594, 73.8157**, and the grayscale version is **64.9794, 68.3634, 74.4477**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.3978, 36.7951, 36.8471** is the 20% darker color. If you saturate the color by 10%, you get **55.2826, 66.5287, 61.8574**, and if you desaturate by 10%, it is **71.0568, 74.2431, 81.4609**.

Distribution



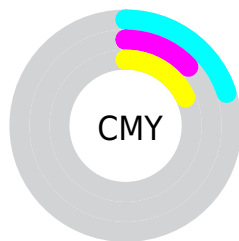
- Red (80%)
- Green (87%)
- Blue (82%)



- Red (80%)
- Yellow (85%)
- Blue (87%)



- Cyan (9%)
- Magenta (0%)
- Yellow (6%)
- Black (13%)



- Cyan (20%)
- Magenta (13%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.6491, 70.1250, 71.2063 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 62.6491, 70.1250, 71.2063 by changing the saturation by 10% instead.

■ 62.6491, 70.1250,
71.2063

■ 62.6491, 70.1250,
71.2063

423.9748,
460.9888, 483.6774

■ 45.8150, 51.6284,
52.0277

107.7478,
119.3870, 122.6246

■ 32.3038, 36.7090,
36.6448

136.7430,
150.9212, 155.7014

■ 21.7504, 24.9823,
24.6389

170.5227,
187.5701, 194.2481

■ 13.7892, 16.0638,
15.5917

209.4521,
229.7181, 238.6830

■ 8.0549, 9.5693,
9.0845

253.8967,
277.7496, 289.4249

■ 4.1822, 5.1144,
4.6988

304.2218,

■ 1.8057, 2.3145,

332.0489, 346.8922

2.0160

360.7927,
393.0005, 411.5035

■ 0.5211, 0.7814,
0.5651

■ 0.0000, 0.0000,
0.0000

■ 62.6491, 70.1250,
71.2063

■ 62.6491, 70.1250,
71.2063

■ 55.2826, 66.5287,
61.8574

■ 71.0568, 74.2431,
81.4609

■ 48.9099, 63.4244,
53.3851

■ 80.5388, 78.8936,
92.6402

■ 43.4886, 60.7927,
45.7654

■ 85.4370, 81.1612,
104.5017

■ 38.9712, 58.6095,
38.9714

■ 85.6790, 81.2581,
105.7763

■ 35.3055, 56.8487,
32.9749

■ 32.4340, 55.4812,
27.7460

■ 30.2915, 54.4739,
23.2528

■ 28.8018, 53.7883,
19.4610

■ 27.8486, 53.3652,
16.3322

Harmonies

Analogous

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



64.0674, 70.1250, 66.4077



62.6491, 70.1250, 71.2063



62.2925, 70.1250, 77.6494

Triad

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



62.6491, 70.1250, 71.2063



67.1024, 70.1250, 89.8461



70.3540, 70.1250, 69.0981

Complementary

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



62.6491, 70.1250, 71.2063



64.1845, 63.3594, 73.8157

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.



71.2097, 70.1250, 75.0735



62.6491, 70.1250, 71.2063



69.3046, 70.1250, 87.2474

Square

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



62.6491, 70.1250, 71.2063



64.8291, 70.1250, 88.6627



70.8213, 70.1250, 81.7444



68.5082, 70.1250, 65.2411

Rectangle

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



62.6491, 70.1250, 71.2063



62.6974, 70.1250, 82.0680



70.8213, 70.1250, 81.7444



70.7689, 70.1250, 70.9120

Sweetspot

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



62.6511, 70.1280, 71.2078



91.5009, 98.2617, 104.6086



65.5873, 71.7403, 66.8912



19.3867, 20.9350, 22.1492



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.



62.6511, 70.1280, 71.2078



82.6747, 93.9435, 93.7172



63.8927, 70.6247, 77.7464



13.7258, 15.4161, 15.5916



16.3734, 31.3742, 9.6892



1.1763, 2.1912, 0.8894

Inverse Universe

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



64.1845, 63.3594, 73.8157



85.2049, 82.7746, 98.0198



62.9706, 62.8738, 67.4233



14.0807, 13.8499, 16.1950



20.9519, 10.4478, 16.9444



1.4942, 0.7409, 1.3950

Previews

White Background



This preview shows how the XYZ color 62.6491, 70.1250, 71.2063 looks on a white background.

Color Contrast Check

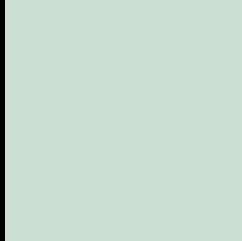
Large Text (above 18pt) WCAG AA × Fail

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 62.6491, 70.1250, 71.2063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

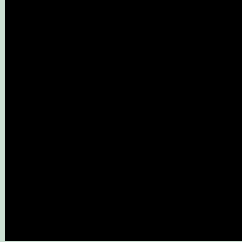
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

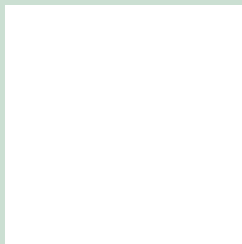
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.6491, 70.1250, 71.2063

Background



This preview shows how black text looks on a background with the XYZ color 62.6491, 70.1250, 71.2063.

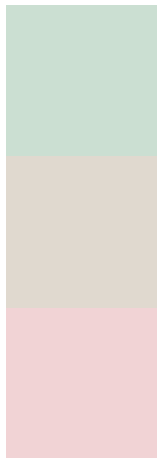


This preview shows how white text looks on a background with the XYZ color 62.6491, 70.1250,

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

62.6491, 70.1250, 71.2063

Protanopia

66.8158, 69.9780, 69.0170

Deuteranopia

71.5801, 70.0934, 72.7075



Tritanopia

66.2040, 69.9846, 89.3759

Trichromacy



Original Color

62.6491, 70.1250, 71.2063

Protanomaly

65.0356, 69.8160, 69.7226

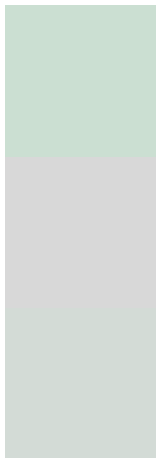
Deuteranomaly

67.8627, 69.6852, 72.1612

Tritanomaly

64.9119, 69.8543, 82.7350

Monochromacy



Original Color

62.6491, 70.1250, 71.2063

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

64.3331, 69.3670, 73.6168

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.6491, 70.1250, 71.2063 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(203, 223, 210)` looks like.

```
.text, #text, p{  
    color:rgb(203, 223, 210)  
}
```

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(203, 223, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 223, 210) }
```

Border

The CSS property to change the border of an element to XYZ 62.6491, 70.1250, 71.2063 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(203, 223, 210) }
```


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

```
.border{ border-color:rgb(203, 223, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 223, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 223, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 223, 210);  
box-shadow:4px 4px 4px 4px rgb(203, 223,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 62.6491, 70.1250, 71.2063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 223, 210) }
```

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

```
.background{ background-color: rgb(203,  
223, 210) }
```

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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