

Converting Colors

XYZ(62.1836, 71.3269, 72.0887)

Have a look what the booklet for
XYZ(62.1836, 71.3269, 72.0887)
contains.

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Color

**XYZ(62.2529, 71.5116,
72.1501)**

Conversions

Conversions Part 1

Format	Color
Hex	C5E3D3
RGB	197, 227, 211
RGB Percent	77%, 89%, 83%
CMY	0.2274, 0.1098, 0.1725
CMYK	0.13, 0.00, 0.07, 0.11
HSL	148°, 35%, 83%
HSV	148°, 13%, 89%
XYZ	62.2529, 71.5116, 72.1501
YIQ	216.2060, -12.7440, -11.3360

Conversions

Conversions Part 2

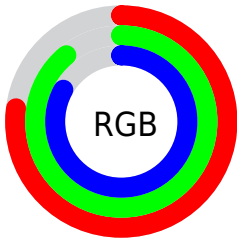
Format	Color
RYB	197, 217, 227
Decimal	12968915
CIELab	87.73, -12.90, 4.49
CIELCh	88, 13.662, 160.829
Yxy	71.5116, 0.3023, 0.3473
Android (android.graphics.Color)	4291158995 (0xFFC5E3D3)
YUV	216.2060, -2.5666, -16.8437
Hunter-Lab	84.5645, -16.5836, 8.6092

Details

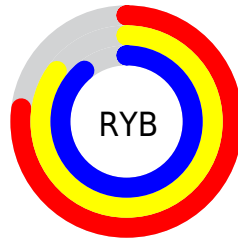
The XYZ color **62.2529, 71.5116, 72.1501** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **63.6576, 61.0693, 71.3864**, and the grayscale version is **65.4354, 68.8432, 74.9702**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **32.1660, 37.7790, 37.4950** is the 20% darker color. If you saturate the color by 10%, you get **55.2896, 68.0927, 64.1973**, and if you desaturate by 10%, it is **70.2296, 75.4437, 80.7502**.

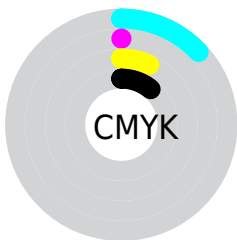
Distribution



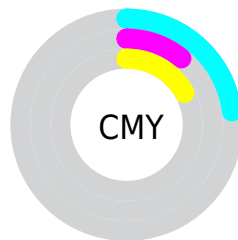
- Red (77%)
- Green (89%)
- Blue (83%)



- Red (77%)
- Yellow (85%)
- Blue (89%)



- Cyan (13%)
- Magenta (0%)
- Yellow (7%)
- Black (11%)



- Cyan (23%)
- Magenta (11%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.2529, 71.5116, 72.1501 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 62.2529, 71.5116, 72.1501 by changing the saturation by 10% instead.

62.2529, 71.5116,
72.1501

62.2529, 71.5116,
72.1501

422.5559,
465.8399, 487.0554

45.4935, 52.7598,
52.7937

107.1788,
121.3619, 123.9796

32.0492, 37.6111,
37.2515

136.0760,
153.2292, 157.2898

21.5548, 25.6810,
25.1050

169.7499,
190.2371, 196.0884

13.6449, 16.5851,
15.9356

208.5657,
232.7701, 240.7938

7.9542, 9.9391,
9.3247

252.8888,
281.2124, 291.8247

4.1172, 5.3586,
4.8539

303.0847,

1.7686, 2.4592,

335.9486, 349.5996

2.1045

359.5186,
397.3629, 414.5370

■ 0.4987, 0.8561,
0.6185

■ 0.0000, 0.0000,
0.0000

■ 62.2529, 71.5116,
72.1501

■ 62.2529, 71.5116,
72.1501

■ 55.2896, 68.0927,
64.1973

■ 70.2296, 75.4437,
80.7502

■ 49.2914, 65.1565,
56.8721

■ 79.2536, 79.9002,
90.0075

■ 44.2148, 62.6827,
50.1603

■ 85.5492, 82.9364,
99.7588

■ 40.0104, 60.6462,
44.0457

■ 86.7604, 83.4208,
106.1368

■ 36.6242, 59.0195,
38.5111

■ 33.9956, 57.7718,
33.5386

■ 32.0552, 56.8675,
29.1090

■ 30.7191, 56.2638,
25.2017

■ 30.0680, 55.9799,
22.8357

Harmonies

Analogous

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



63.9770, 71.5116, 65.1277



62.2529, 71.5116, 72.1501



62.0319, 71.5116, 81.2647

Triad

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



62.2529, 71.5116, 72.1501



69.1469, 71.5116, 96.7376



72.7938, 71.5116, 66.7707

Complementary

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



62.2529, 71.5116, 72.1501



63.6576, 61.0693, 71.3864

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.



74.2746, 71.5116, 74.5594



62.2529, 71.5116, 72.1501



72.1250, 71.5116, 92.1610

Square

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



62.2529, 71.5116, 72.1501



65.9441, 71.5116, 95.9633



74.0260, 71.5116, 83.8718



70.0362, 71.5116, 62.1967

Rectangle

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



62.2529, 71.5116, 72.1501



62.7587, 71.5116, 87.3711



74.0260, 71.5116, 83.8718



73.4613, 71.5116, 69.0728

Sweetspot

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



62.2549, 71.5146, 72.1517



90.5328, 97.7710, 104.1809



65.1355, 73.1937, 63.5191



19.2012, 20.8400, 22.1124



0.0000, 0.0000, 0.0000



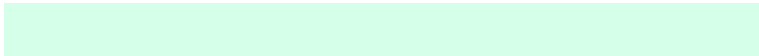
20.3446, 21.4041, 23.3091

Same Dimension

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



62.2549, 71.5146, 72.1517



78.2920, 91.7431, 90.8510



64.1564, 72.2752, 82.1648



14.4678, 16.2005, 16.7281



17.5927, 32.6692, 13.6213



1.3466, 2.4328, 1.2518

Inverse Universe

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



63.6576, 61.0693, 71.3864



80.4720, 75.5083, 89.6611



61.8978, 60.3653, 62.1194



14.6967, 14.4959, 16.6033



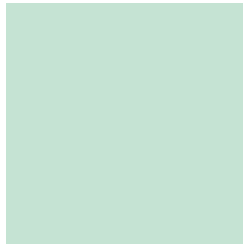
20.5501, 10.3543, 11.7917



1.5654, 0.7839, 1.1180

Previews

White Background



This preview shows how the XYZ color 62.2529, 71.5116, 72.1501 looks on a white background.

Color Contrast Check

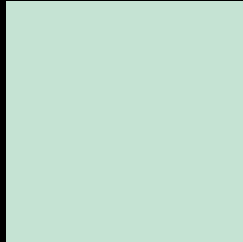
Large Text (above 18pt) WCAG AA × Fail

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 62.2529, 71.5116, 72.1501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

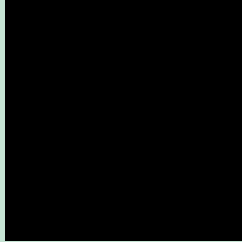
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

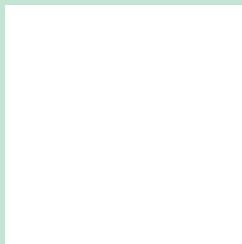
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.2529, 71.5116, 72.1501

Background



This preview shows how black text looks on a background with the XYZ color 62.2529, 71.5116, 72.1501.

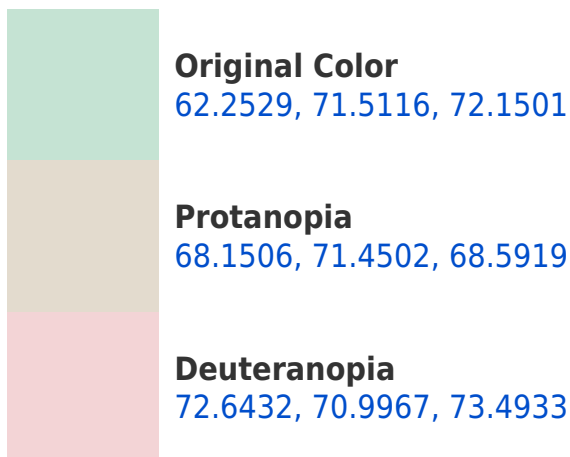


This preview shows how white text looks on a background with the XYZ color 62.2529, 71.5116,

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

66.4730, 71.6232, 92.7592

Trichromacy



Original Color

62.2529, 71.5116, 72.1501

Protanomaly

65.8253, 71.3955, 69.9859

Deuteranomaly

68.1871, 70.5986, 72.9838

Tritanomaly

64.6179, 71.2478, 84.4752

Monochromacy



Original Color

62.2529, 71.5116, 72.1501

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

64.0253, 69.5967, 73.6774

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.2529, 71.5116, 72.1501 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(197, 227, 211)` looks like.

```
.text, #text, p{  
    color:rgb(197, 227, 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(197, 227, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 227, 211) }
```

Border

The CSS property to change the border of an element to XYZ 62.2529, 71.5116, 72.1501 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(197, 227, 211) }
```


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

```
.border{ border-color:rgb(197, 227, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 227, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 227, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 227, 211);  
box-shadow:4px 4px 4px 4px rgb(197, 227,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 62.2529, 71.5116, 72.1501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 227, 211) }
```

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

```
.background{ background-color: rgb(197,  
227, 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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