

Converting Colors

XYZ(62.4764, 71.0999, 63.6937)

Have a look what the booklet for
XYZ(62.4764, 71.0999, 63.6937)
contains.

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Color

**XYZ(62.5719, 71.0495,
63.8421)**

Conversions

Conversions Part 1

Format	Color
Hex	CEE1C6
RGB	206, 225, 198
RGB Percent	81%, 88%, 78%
CMY	0.1922, 0.1176, 0.2235
CMYK	0.08, 0.00, 0.12, 0.12
HSL	102°, 31%, 83%
HSV	102°, 12%, 88%
XYZ	62.5719, 71.0495, 63.8421
YIQ	216.2410, -2.6570, -12.4250

Conversions

Conversions Part 2

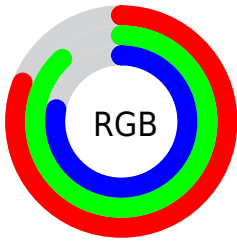
Format	Color
RYB	198, 225, 217
Decimal	13558214
CIELab	87.51, -11.20, 11.07
CIElCh	88, 15.745, 135.337
Yxy	71.0495, 0.3169, 0.3598
Android (android.graphics.Color)	4291748294 (0xFFCEE1C6)
YUV	216.2410, -8.9928, -8.9814
Hunter-Lab	84.2909, -15.0026, 14.0972

Details

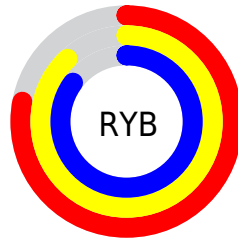
The XYZ color **62.5719, 71.0495, 63.8421** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **62.4028, 60.5781, 79.6417**, and the grayscale version is **65.4969, 68.9078, 75.0406**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.3577, 37.4385, 31.9065** is the 20% darker color. If you saturate the color by 10%, you get **55.9906, 67.9367, 50.9781**, and if you desaturate by 10%, it is **69.9856, 74.5510, 78.7606**.

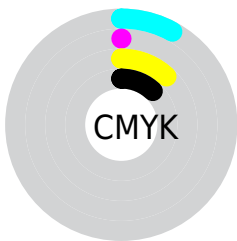
Distribution



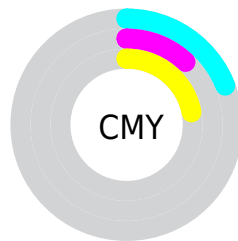
- Red (81%)
- Green (88%)
- Blue (78%)



- Red (78%)
- Yellow (88%)
- Blue (85%)



- Cyan (8%)
- Magenta (0%)
- Yellow (12%)
- Black (12%)



- Cyan (19%)
- Magenta (12%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.5719, 71.0495, 63.8421 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 62.5719, 71.0495, 63.8421 by changing the saturation by 10% instead.

■ 62.5719, 71.0495,
63.8421

■ 62.5719, 71.0495,
63.8421

423.6985,
464.2265, 456.8110

■ 45.7523, 52.3826,
46.0774

107.6369,
120.7042, 111.9808

■ 32.2542, 37.3101,
31.9578

136.6131,
152.4608, 143.1919

■ 21.7122, 25.4477,
21.0647

170.3722,
189.3494, 179.7222

■ 13.7610, 16.4109,
12.9796

209.2795,
231.7544, 221.9903

■ 8.0352, 9.8154,
7.2840

253.7005,
280.0602, 270.4146

■ 4.1695, 5.2767,
3.5592

304.0004,

■ 1.7985, 2.4105,

334.6512, 325.4139

1.3868

360.5446,
395.9119, 387.4065

■ 0.5167, 0.8313,
0.1314

■ 0.0000, 0.0000,
0.0000

■ 62.5719, 71.0495,
63.8421

■ 62.5719, 71.0495,
63.8421

■ 55.9906, 67.9367,
50.9781

■ 69.9856, 74.5510,
78.7606

■ 50.2060, 65.1900,
40.0741

■ 78.2543, 78.4448,
95.8131

■ 45.1880, 62.7980,
31.0351

■ 85.6691, 82.0510,
105.9299

■ 40.9026, 60.7454,
23.7565

■ 86.2166, 82.3333,
105.9555

■ 37.3128, 59.0158,
18.1233

■ 34.3783, 57.5911,
14.0067

■ 32.0538, 56.4512,
11.2589

■ 30.2871, 55.5730,
9.7025

■ 29.2179, 55.0344,
9.0828

Harmonies

Analogous

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



65.6570, 71.0495, 59.2470



62.5719, 71.0495, 63.8421



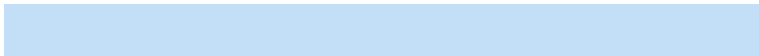
60.8473, 71.0495, 72.2928

Triad

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



62.5719, 71.0495, 63.8421



65.7368, 71.0495, 98.9083



74.6626, 71.0495, 72.0705

Complementary

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



62.5719, 71.0495, 63.8421



62.4028, 60.5781, 79.6417

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.



74.6858, 71.0495, 82.6604



62.5719, 71.0495, 63.8421



69.4392, 71.0495, 98.8348

Square

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



62.5719, 71.0495, 63.8421



62.6285, 71.0495, 92.8571



72.7442, 71.0495, 92.6647



72.6817, 71.0495, 63.6923

Rectangle

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



62.5719, 71.0495, 63.8421



60.6592, 71.0495, 79.2811



72.7442, 71.0495, 92.6647



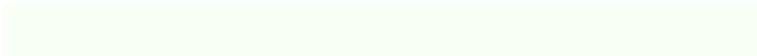
74.9019, 71.0495, 75.4718

Sweetspot

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



62.5738, 71.0526, 63.8436



90.8591, 98.0242, 100.3580



66.0344, 69.6620, 63.3929



19.2833, 20.9037, 21.1479



0.0000, 0.0000, 0.0000



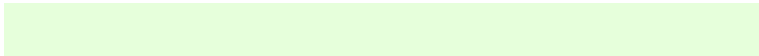
20.3446, 21.4041, 23.3091

Same Dimension

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



62.5738, 71.0526, 63.8436



81.1790, 93.4527, 80.9847



61.0433, 70.1903, 67.0824



13.9085, 15.5330, 14.5719



16.9381, 31.7644, 5.2384



1.2621, 2.2471, 0.3672

Inverse Universe

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



62.4028, 60.5781, 79.6417



80.9154, 77.3488, 105.2728



64.1134, 61.5437, 75.9359



13.8790, 13.7212, 17.3046



16.1186, 7.4048, 41.6281



1.2057, 0.5589, 2.8896

Previews

White Background



This preview shows how the XYZ color 62.5719, 71.0495, 63.8421 looks on a white background.

Color Contrast Check

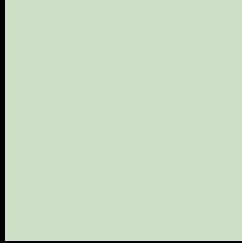
Large Text (above 18pt) WCAG AA × Fail

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 62.5719, 71.0495, 63.8421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

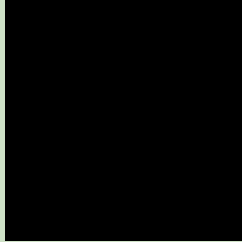
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

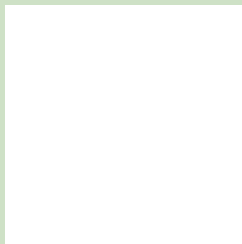
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.5719, 71.0495, 63.8421

Background



This preview shows how black text looks on a background with the XYZ color 62.5719, 71.0495, 63.8421.



This preview shows how white text looks on a background with the XYZ color 62.5719, 71.0495,

63.8421.

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

62.5719, 71.0495, 63.8421

Protanopia

67.2348, 70.7410, 61.7405

Deuteranopia

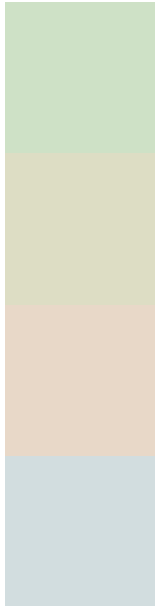
72.1947, 70.5797, 65.0765



Tritanopia

67.7690, 70.7745, 90.2098

Trichromacy



Original Color

62.5719, 71.0495, 63.8421

Protanomaly

65.6391, 71.0706, 62.4830

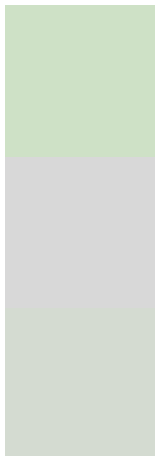
Deuteranomaly

68.2599, 70.4377, 64.6417

Tritanomaly

65.7541, 70.7423, 80.0010

Monochromacy



Original Color

62.5719, 71.0495, 63.8421

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

63.9915, 69.2635, 70.3181

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.5719, 71.0495, 63.8421 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(206, 225, 198) looks like.

```
.text, #text, p{  
    color:rgb(206, 225, 198)  
}
```

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(206, 225, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 225, 198) }
```

Border

The CSS property to change the border of an element to XYZ 62.5719, 71.0495, 63.8421 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(206, 225, 198) }
```


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

```
.border{ border-color:rgb(206, 225, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 225, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 225, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 225, 198);  
box-shadow:4px 4px 4px 4px rgb(206, 225,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 62.5719, 71.0495, 63.8421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 225, 198) }
```

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

```
.background{ background-color: rgb(206,  
225, 198) }
```

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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