

Converting Colors

XYZ(62.4374, 72.3050, 51.7401)

Have a look what the booklet for
XYZ(62.4374, 72.3050, 51.7401)
contains.

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Color

**XYZ(62.4438, 72.4703,
51.7713)**

Conversions

Conversions Part 1

Format	Color
Hex	D3E4B0
RGB	211, 228, 176
RGB Percent	83%, 89%, 69%
CMY	0.1725, 0.1059, 0.3098
CMYK	0.07, 0.00, 0.23, 0.11
HSL	80°, 49%, 79%
HSV	80°, 23%, 89%
XYZ	62.4438, 72.4703, 51.7713
YIQ	216.9890, 6.5600, -19.7760

Conversions

Conversions Part 2

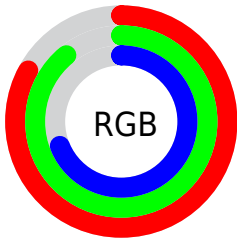
Format	Color
RYB	176, 228, 193
Decimal	13886640
CIELab	88.19, -14.45, 23.54
CIELCh	88, 27.625, 121.539
Yxy	72.4703, 0.3345, 0.3882
Android (android.graphics.Color)	4292076720 (0xFFD3E4B0)
YUV	216.9890, -20.2076, -5.2524
Hunter-Lab	85.1295, -18.0441, 23.5336

Details

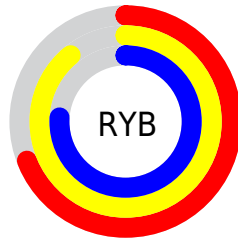
The XYZ color **62.4438, 72.4703, 51.7713** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.5242, 47.9916, 79.9505**, and the grayscale version is **66.0784, 69.5196, 75.7069**.

A 20% lighter version of the original color is **91.5655, 98.6062, 90.5508**, and **32.2290, 38.3851, 24.4493** is the 20% darker color. If you saturate the color by 10%, you get **58.2886, 70.5696, 40.7734**, and if you desaturate by 10%, it is **67.0809, 74.5801, 64.7725**.

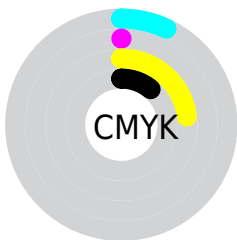
Distribution



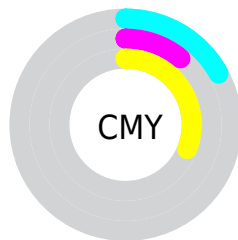
- Red (83%)
- Green (89%)
- Blue (69%)



- Red (69%)
- Yellow (89%)
- Blue (76%)



- Cyan (7%)
- Magenta (0%)
- Yellow (23%)
- Black (11%)



- Cyan (17%)
- Magenta (11%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.4438, 72.4703, 51.7713 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 62.4438, 72.4703, 51.7713 by changing the saturation by 10% instead.


 62.4438, 72.4703,
51.7713

 62.4438, 72.4703,
51.7713


423.2399,
469.1769, 410.4849

 45.6484, 53.5429,
36.4418


 107.4530,
122.7249, 94.2170

 32.1719, 38.2364,
24.4832


136.3975,
154.8210, 122.1703

 21.6490, 26.1662,
15.4770


170.1224,
192.0755, 155.1687

 13.7144, 16.9480,
9.0045

208.9930,
234.8726, 193.6306

 8.0026, 10.1974,
4.6472

253.3747,
283.5970, 237.9747

 4.1485, 5.5301,
1.9867

303.6328,

 1.7865, 2.5615,

338.6329, 288.6194

0.5471

360.1328,
400.3647, 345.9832

■ 0.5095, 0.9073,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.4438, 72.4703,
51.7713

■ 62.4438, 72.4703,
51.7713

■ 58.2886, 70.5696,
40.7734

■ 67.0809, 74.5801,
64.7725

■ 54.5892, 68.8600,
31.6746

■ 72.2130, 76.8971,
79.8652

■ 51.3258, 67.3360,
24.3681

■ 77.8599, 79.4317,
97.1378

■ 48.4744, 65.9878,
18.7347

■ 82.0103, 81.3796,
105.9932

■ 46.0080, 64.8044,
14.6409

■ 84.6054, 82.7174,
106.1146

■ 43.8961, 63.7734,
11.9327

■ 87.0349, 83.9699,
106.2283

■ 42.1019, 62.8800,
10.4240

■ 40.9665, 62.3058,
9.8671

Harmonies

Analogous

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



68.5400, 72.4703, 47.8258



62.4438, 72.4703, 51.7713



58.2998, 72.4703, 62.8003

Triad

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



62.4438, 72.4703, 51.7713



62.9993, 72.4703, 115.4320



82.3842, 72.4703, 77.9341

Complementary

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



62.4438, 72.4703, 51.7713



51.5242, 47.9916, 79.9505

Split Complementary

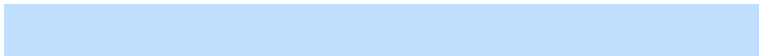
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.6705, 72.4703, 97.5580



62.4438, 72.4703, 51.7713



69.2228, 72.4703, 121.1773

Square

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



62.4438, 72.4703, 51.7713



58.6058, 72.4703, 99.5218



75.7457, 72.4703, 114.1767



80.2917, 72.4703, 61.3571

Rectangle

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



62.4438, 72.4703, 51.7713



57.0580, 72.4703, 73.6721



75.7457, 72.4703, 114.1767



82.2335, 72.4703, 84.3860

Sweetspot

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



62.4457, 72.4735, 51.7729



90.1931, 97.8129, 94.3618



58.7863, 57.5355, 49.0824



19.2187, 20.8970, 19.9428



0.0000, 0.0000, 0.0000



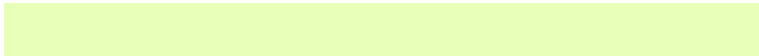
20.3446, 21.4041, 23.3091

Same Dimension

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



62.4457, 72.4735, 51.7729



78.0756, 92.3088, 60.2404



55.7187, 69.0056, 51.4580



15.1195, 16.5687, 15.3056



23.7839, 36.0425, 5.7034



1.8542, 2.7133, 0.4260

Inverse Universe

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



51.5242, 47.9916, 79.9505



61.8400, 55.9074, 102.1396



58.5848, 51.6314, 80.2809



14.0245, 14.1148, 18.1296



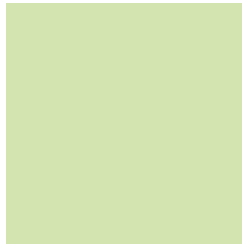
9.8527, 4.1451, 42.6640



0.8230, 0.3552, 3.1572

Previews

White Background



This preview shows how the XYZ color 62.4438, 72.4703, 51.7713 looks on a white background.

Color Contrast Check

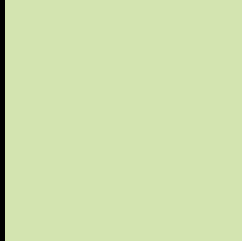
Large Text (above 18pt) WCAG AA × Fail

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 62.4438, 72.4703, 51.7713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

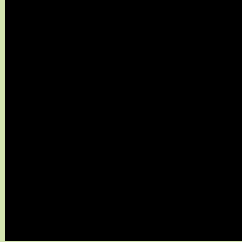
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.4438, 72.4703, 51.7713

Background



This preview shows how black text looks on a background with the XYZ color 62.4438, 72.4703, 51.7713.



This preview shows how white text looks on a background with the XYZ color 62.4438, 72.4703,

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

62.4438, 72.4703, 51.7713

Protanopia

67.6602, 72.3922, 49.9422

Deuteranopia

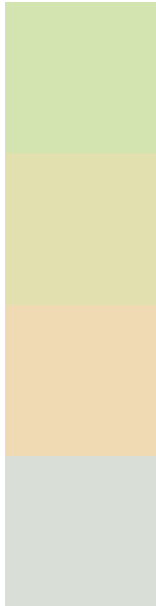
73.4777, 72.2259, 54.3243



Tritanopia

70.3945, 72.5165, 90.4077

Trichromacy



Original Color

62.4438, 72.4703, 51.7713

Protanomaly

65.6597, 72.5361, 50.5846

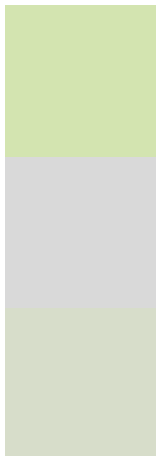
Deuteranomaly

68.9062, 71.7888, 53.4049

Tritanomaly

67.2687, 72.4334, 74.7256

Monochromacy



Original Color

62.4438, 72.4703, 51.7713

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

64.5415, 70.4242, 66.0687

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4438, 72.4703, 51.7713 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(211, 228, 176)` looks like.

```
.text, #text, p{  
    color:rgb(211, 228, 176)  
}
```

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(211, 228, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 228, 176) }
```

Border

The CSS property to change the border of an element to XYZ 62.4438, 72.4703, 51.7713 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(211, 228, 176) }
```


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

```
.border{ border-color:rgb(211, 228, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 228, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 228, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 228, 176);  
box-shadow:4px 4px 4px 4px rgb(211, 228,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4438, 72.4703, 51.7713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 228, 176) }
```

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

```
.background{ background-color: rgb(211,  
228, 176) }
```

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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