

Converting Colors

XYZ(62.5063, 72.1752, 44.5837)

Have a look what the booklet for
XYZ(62.5063, 72.1752, 44.5837)
contains.

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Color

**XYZ(62.5174, 72.2631,
44.3714)**

Conversions

Conversions Part 1

Format	Color
Hex	D9E3A1
RGB	217, 227, 161
RGB Percent	85%, 89%, 63%
CMY	0.1490, 0.1098, 0.3686
CMYK	0.04, 0.00, 0.29, 0.11
HSL	69°, 54%, 76%
HSV	69°, 29%, 89%
XYZ	62.5174, 72.2631, 44.3714
YIQ	216.4860, 15.2260, -22.6460

Conversions

Conversions Part 2

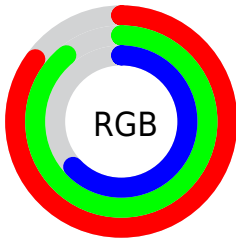
Format	Color
RYB	161, 227, 171
Decimal	14279585
CIELab	88.10, -13.85, 31.20
CIELCh	88, 34.133, 113.941
Yxy	72.2631, 0.3490, 0.4034
Android (android.graphics.Color)	4292469665 (0xFFD9E3A1)
YUV	216.4860, -27.3546, 0.4508
Hunter-Lab	85.0077, -17.4888, 28.5578

Details

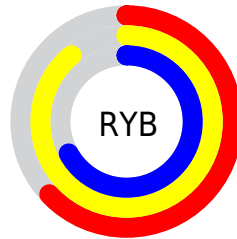
The XYZ color **62.5174, 72.2631, 44.3714** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.4074, 39.6957, 78.0513**, and the grayscale version is **65.7770, 69.2026, 75.3616**.

A 20% lighter version of the original color is **89.3947, 97.7379, 79.1194**, and **32.2108, 38.1862, 20.1410** is the 20% darker color. If you saturate the color by 10%, you get **59.6831, 71.0149, 34.7211**, and if you desaturate by 10%, it is **65.7402, 73.6741, 55.9399**.

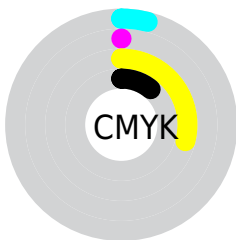
Distribution



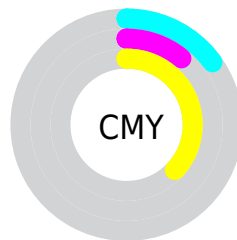
- Red (85%)
- Green (89%)
- Blue (63%)



- Red (63%)
- Yellow (89%)
- Blue (67%)



- Cyan (4%)
- Magenta (0%)
- Yellow (29%)
- Black (11%)



- Cyan (15%)
- Magenta (11%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.5174, 72.2631, 44.3714 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 62.5174, 72.2631, 44.3714 by changing the saturation by 10% instead.

62.5174, 72.2631,
44.3714

62.5174, 72.2631,
44.3714

423.5034,
468.4568, 380.3073

45.7081, 53.3736,
30.6233

107.5587,
122.4305, 83.0847

32.2192, 38.1011,
20.0561

136.5214,
154.4772, 108.8870

21.6853, 26.0612,
12.2513

170.2659,
191.6785, 139.5444

13.7412, 16.8694,
6.7905

209.1576,
234.4187, 175.4755

8.0214, 10.1414,
3.2550

253.5619,
283.0823, 217.0988

4.1605, 5.4928,
1.2262

303.8440,

1.7934, 2.5392,

338.0535, 264.8328

0.0002

360.3694,
399.7169, 319.0962

0.5137, 0.8962,
0.0000

0.0000, 0.0000,
0.0000

62.5174, 72.2631,
44.3714

62.5174, 72.2631,
44.3714

59.6831, 71.0149,
34.7211

65.7402, 73.6741,
55.9399

57.2119, 69.9119,
26.8806

69.3644, 75.2457,
69.5177

55.0840, 68.9487,
20.7381

73.4088, 76.9878,
85.1959

53.2754, 68.1157,
16.1672

77.8895, 78.9070,
103.0585

■ 51.7585, 67.4017,
13.0243

■ 79.5200, 79.6886,
105.7980

■ 50.5010, 66.7938,
11.1392

■ 80.6621, 80.2774,
105.8515

■ 49.4522, 66.2718,
10.2456

■ 81.8263, 80.8775,
105.9060

■ 49.3597, 66.2255,
10.1813

■ 83.0128, 81.4892,
105.9615

■ 84.2215, 82.1123,
106.0180

Harmonies

Analogous

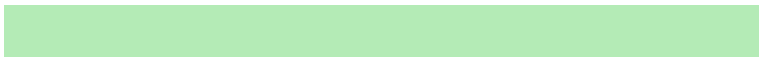
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.3517, 72.2631, 41.9516



62.5174, 72.2631, 44.3714



56.7754, 72.2631, 55.1059

Triad

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



62.5174, 72.2631, 44.3714



59.8644, 72.2631, 120.8388



85.4801, 72.2631, 83.5162

Complementary

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



62.5174, 72.2631, 44.3714



43.4074, 39.6957, 78.0513

Split Complementary

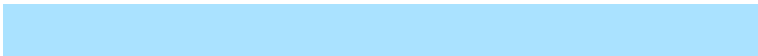
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.1509, 72.2631, 108.1745



62.5174, 72.2631, 44.3714



67.0427, 72.2631, 132.2978

Square

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



62.5174, 72.2631, 44.3714



55.3307, 72.2631, 98.3413



75.2431, 72.2631, 127.2564



84.0293, 72.2631, 61.8350

Rectangle

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



62.5174, 72.2631, 44.3714



54.6950, 72.2631, 66.9060



75.2431, 72.2631, 127.2564



84.8751, 72.2631, 91.7651

Sweetspot

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



62.5192, 72.2663, 44.3729



90.3042, 97.9552, 90.5289



52.6581, 47.9942, 40.2077



19.1737, 20.8994, 18.7868



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.



62.5192, 72.2663, 44.3729



79.0566, 93.0478, 49.7496



53.6958, 67.7177, 43.9600



15.3757, 16.7007, 15.3176



28.8647, 38.6618, 5.9411



2.1914, 2.8871, 0.4418

Inverse Universe

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



43.4074, 39.6957, 78.0513



50.2958, 44.0186, 100.4533



51.4868, 43.8608, 78.4294



13.7852, 13.9915, 18.1184



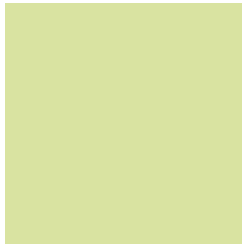
8.5397, 3.4683, 42.6025



0.6943, 0.2889, 3.1511

Previews

White Background



This preview shows how the XYZ color 62.5174, 72.2631, 44.3714 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 62.5174, 72.2631, 44.3714 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

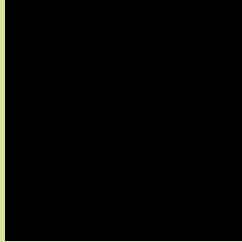
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

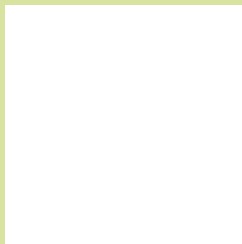
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.5174, 72.2631, 44.3714

Background



This preview shows how black text looks on a background with the XYZ color 62.5174, 72.2631, 44.3714.

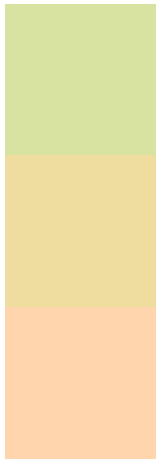


This preview shows how white text looks on a background with the XYZ color 62.5174, 72.2631,

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

62.5174, 72.2631, 44.3714

Protanopia

67.2879, 72.3587, 42.7679

Deuteranopia

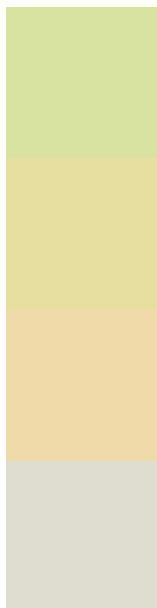
72.6742, 71.9045, 50.0930



Tritanopia

71.7454, 72.4719, 88.8043

Trichromacy



Original Color

62.5174, 72.2631, 44.3714

Protanomaly

65.2788, 72.1015, 43.2773

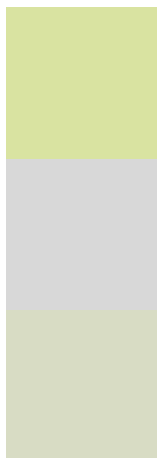
Deuteranomaly

68.5085, 71.7082, 47.7664

Tritanomaly

67.6730, 71.9549, 69.9965

Monochromacy



Original Color

62.5174, 72.2631, 44.3714

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

63.8759, 69.7709, 62.3251

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.5174, 72.2631, 44.3714 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(217, 227, 161)` looks like.

```
.text, #text, p{  
    color:rgb(217, 227, 161)  
}
```

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(217, 227, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 227, 161) }
```

Border

The CSS property to change the border of an element to XYZ 62.5174, 72.2631, 44.3714 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(217, 227, 161) }
```


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

```
.border{ border-color:rgb(217, 227, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 227, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 227, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 227, 161);  
box-shadow:4px 4px 4px 4px rgb(217, 227,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 62.5174, 72.2631, 44.3714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 227, 161) }
```

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

```
.background{ background-color: rgb(217,  
227, 161) }
```

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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