

Converting Colors

XYZ(61.7981, 72.7255, 51.7389)

Have a look what the booklet for
XYZ(61.7981, 72.7255, 51.7389)
contains.

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Color

**XYZ(61.5879, 72.4386,
51.8103)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | CFE5B0 |
| RGB | 207, 229, 176 |
| RGB Percent | 81%, 90%, 69% |
| CMY | 0.1882, 0.1019, 0.3098 |
| CMYK | 0.10, 0.00, 0.23, 0.10 |
| HSL | 85°, 50%, 79% |
| HSV | 85°, 23%, 90% |
| XYZ | 61.5879, 72.4386, 51.8103 |
| YIQ | 216.3800, 3.9010, -21.1470 |

Conversions

Conversions Part 2

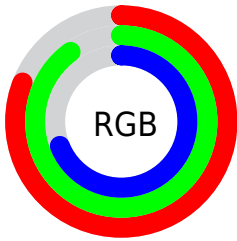
| Format | Color |
|-------------------------------------|---|
| RYB | 176, 229, 198 |
| Decimal | 13624752 |
| CIELab | 88.18, -16.38, 23.48 |
| CIELCh | 88, 28.628, 124.901 |
| Yxy | 72.4386, 0.3314, 0.3898 |
| Android (android.graphics.Color) | 4291814832 (0xFFCFE5B0) |
| YUV | 216.3800, -19.9073, -8.2263 |
| Hunter-Lab | 85.1109, -19.7779, 23.4855 |

Details

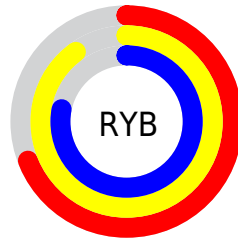
The XYZ color **61.5879, 72.4386, 51.8103** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **52.9598, 48.7156, 80.7444**, and the grayscale version is **65.6607, 69.0802, 75.2284**.

A 20% lighter version of the original color is **91.5655, 98.6062, 90.5508**, and **31.6601, 38.3776, 24.4778** is the 20% darker color. If you saturate the color by 10%, you get **56.9343, 70.2819, 40.7460**, and if you desaturate by 10%, it is **66.7875, 74.8370, 64.8984**.

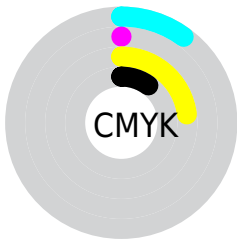
Distribution



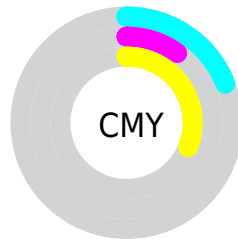
- Red (81%)
- Green (90%)
- Blue (69%)



- Red (69%)
- Yellow (90%)
- Blue (78%)



- Cyan (10%)
- Magenta (0%)
- Yellow (23%)
- Black (10%)



- Cyan (19%)
- Magenta (10%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.5879, 72.4386, 51.8103 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 61.5879, 72.4386, 51.8103 by changing the saturation by 10% instead.

61.5879, 72.4386,
51.8103

61.5879, 72.4386,
51.8103

420.1678,
469.0668, 410.6399

44.9541, 53.5170,
36.4727

106.2230,
122.6799, 94.2751

31.6224, 38.2157,
24.5069

134.9551,
154.7684, 122.2395

21.2274, 26.1501,
15.4944

168.4506,
192.0147, 155.2498

13.4037, 16.9360,
9.0166

207.0750,
234.8032, 193.7246

7.7861, 10.1889,
4.6551

251.1935,
283.5183, 238.0825

4.0090, 5.5244,
1.9912

301.1716,

1.7072, 2.5581,

338.5443, 288.7420

0.5498

357.3746,
400.2657, 346.1216

■ 0.4608, 0.9056,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.5879, 72.4386,
51.8103

■ 61.5879, 72.4386,
51.8103

■ 56.9343, 70.2819,
40.7460

■ 66.7875, 74.8370,
64.8984

■ 52.7992, 68.3483,
31.5996

■ 72.5481, 77.4762,
80.0996

■ 49.1606, 66.6312,
24.2630

■ 78.8908, 80.3673,
97.5036

■ 45.9928, 65.1198,
18.6152

■ 83.7374, 82.6794,
106.1530

■ 43.2669, 63.8024,
14.5204

■ 87.1407, 84.4339,
106.3123

■ 40.9501, 62.6654,
11.8221

■ 87.3108, 84.5216,
106.3203

■ 39.0032, 61.6927,
10.3307

■ 37.8415, 61.1044,
9.7999

Harmonies

Analogous

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



67.7318, 72.4386, 46.9494



61.5879, 72.4386, 51.8103



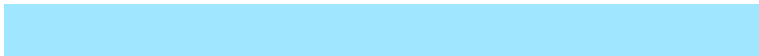
57.6011, 72.4386, 63.9333

Triad

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



61.5879, 72.4386, 51.8103



63.4146, 72.4386, 118.1914



82.8218, 72.4386, 75.6951

Complementary

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



61.5879, 72.4386, 51.8103



52.9598, 48.7156, 80.7444

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.



81.4772, 72.4386, 95.9764



61.5879, 72.4386, 51.8103



69.9818, 72.4386, 122.7309

Square

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



61.5879, 72.4386, 51.8103



58.6057, 72.4386, 102.4785



76.6632, 72.4386, 114.0224



80.2251, 72.4386, 59.2035

Rectangle

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



61.5879, 72.4386, 51.8103



56.5499, 72.4386, 75.5687



76.6632, 72.4386, 114.0224



82.8173, 72.4386, 82.2729

Sweetspot

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



61.5898, 72.4418, 51.8119



89.6340, 97.5247, 94.3356



60.1639, 59.8185, 49.4505



19.0891, 20.8302, 19.9368



0.0000, 0.0000, 0.0000



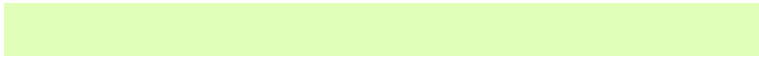
20.3446, 21.4041, 23.3091

Same Dimension

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



61.5898, 72.4418, 51.8119



75.5329, 91.0291, 58.7172



54.9845, 69.0366, 51.5027



14.9930, 16.5034, 15.2997



21.7749, 35.0069, 5.6093



1.7142, 2.6411, 0.4194

Inverse Universe

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



52.9598, 48.7156, 80.7444



62.6184, 55.5174, 102.0233



60.3185, 52.5091, 81.0888



14.1469, 14.1779, 18.1353



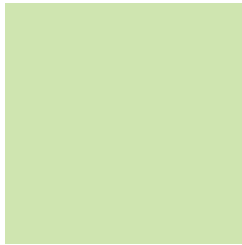
10.9183, 4.6945, 42.7138



0.9105, 0.4003, 3.1613

Previews

White Background



This preview shows how the XYZ color 61.5879, 72.4386, 51.8103 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 61.5879, 72.4386, 51.8103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

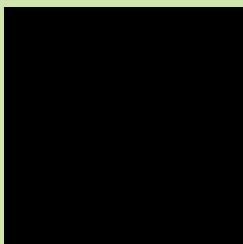
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

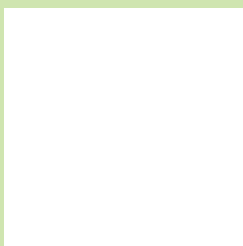
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.5879, 72.4386, 51.8103

Background



This preview shows how black text looks on a background with the XYZ color 61.5879, 72.4386, 51.8103.



This preview shows how white text looks on a background with the XYZ color 61.5879, 72.4386,

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

61.5879, 72.4386, 51.8103

Protanopia

67.5638, 72.3536, 49.4344

Deuteranopia

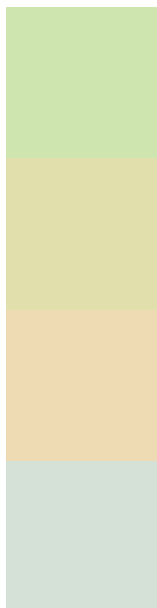
73.4777, 72.2259, 54.3243



Tritanopia

69.6080, 72.4849, 91.2112

Trichromacy



Original Color

61.5879, 72.4386, 51.8103

Protanomaly

65.2498, 72.3360, 50.0584

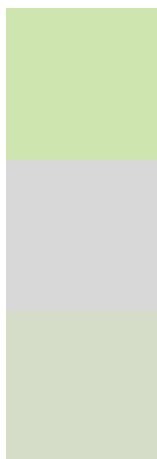
Deuteranomaly

68.8296, 72.1355, 53.4758

Tritanomaly

66.3620, 72.3637, 74.7599

Monochromacy



Original Color

61.5879, 72.4386, 51.8103

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

63.8396, 70.0761, 65.4197

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.5879, 72.4386, 51.8103 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(207, 229, 176)` looks like.

```
.text, #text, p{  
    color:rgb(207, 229, 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(207, 229, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 229, 176) }
```

Border

The CSS property to change the border of an element to XYZ 61.5879, 72.4386, 51.8103 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(207, 229, 176) }
```


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

```
.border{ border-color:rgb(207, 229, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 229, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 229, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 229, 176);  
box-shadow:4px 4px 4px 4px rgb(207, 229,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 61.5879, 72.4386, 51.8103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 229, 176) }
```

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

```
.background{ background-color: rgb(207,  
229, 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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