

Converting Colors

XYZ(61.2311, 68.9131, 57.0880)

Have a look what the booklet for
XYZ(61.2311, 68.9131, 57.0880)
contains.

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Color

**XYZ(61.1206, 68.8561,
57.0829)**

Conversions

Conversions Part 1

Format	Color
Hex	D1DDBB
RGB	209, 221, 187
RGB Percent	82%, 87%, 73%
CMY	0.1804, 0.1333, 0.2667
CMYK	0.05, 0.00, 0.15, 0.13
HSL	81°, 33%, 80%
HSV	81°, 15%, 87%
XYZ	61.1206, 68.8561, 57.0829
YIQ	213.5360, 3.7620, -13.1180

Conversions

Conversions Part 2

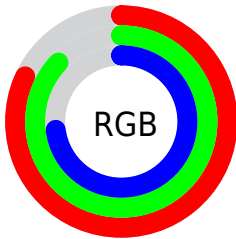
Format	Color
RYB	187, 221, 199
Decimal	13753787
CIELab	86.43, -9.95, 15.34
CIELCh	86, 18.285, 122.963
Yxy	68.8561, 0.3267, 0.3681
Android (android.graphics.Color)	4291943867 (0xFFD1DDBB)
YUV	213.5360, -13.0822, -3.9781
Hunter-Lab	82.9796, -13.7358, 17.2992

Details

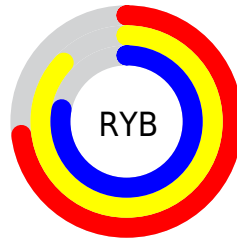
The XYZ color **61.1206, 68.8561, 57.0829** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **54.3774, 52.9052, 75.7561**, and the grayscale version is **63.6897, 67.0065, 72.9701**.

A 20% lighter version of the original color is **93.1777, 99.2511, 99.0404**, and **31.2657, 35.8637, 27.8288** is the 20% darker color. If you saturate the color by 10%, you get **56.7812, 66.8738, 45.4655**, and if you desaturate by 10%, it is **65.9360, 71.0458, 70.6261**.

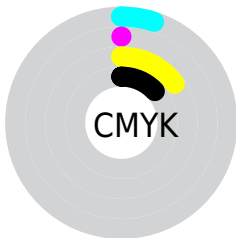
Distribution



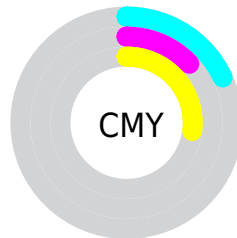
- Red (82%)
- Green (87%)
- Blue (73%)



- Red (73%)
- Yellow (87%)
- Blue (78%)



- Cyan (5%)
- Magenta (0%)
- Yellow (15%)
- Black (13%)





- Cyan (18%)
- Magenta (13%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.1206, 68.8561, 57.0829 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 61.1206, 68.8561, 57.0829 by changing the saturation by 10% instead.


 61.1206, 68.8561,
57.0829

 61.1206, 68.8561,
57.0829


418.4849,
456.5233, 431.2623

 44.5754, 50.5945,
40.6620


 105.5507,
117.5760, 102.0877

 31.3230, 35.8860,
27.7374


134.1662,
148.8032, 131.5086

 20.9979, 24.3462,
17.8905


167.5360,
185.1209, 166.1000

 13.2350, 15.5906,
10.7027

206.0253,
226.9138, 206.2804

 7.6686, 9.2349,
5.7557

249.9995,
274.5660, 252.4682

 3.9337, 4.8947,
2.6307

299.8239,

 1.6647, 2.1856,

328.4621, 305.0822

0.9082

355.8639,
388.9864, 364.5407

■ 0.4340, 0.7121,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.1206, 68.8561,
57.0829

■ 61.1206, 68.8561,
57.0829

■ 56.7812, 66.8738,
45.4655

■ 65.9360, 71.0458,
70.6261

■ 52.8942, 65.0825,
35.6819

■ 71.2388, 73.4409,
86.1725

■ 49.4419, 63.4772,
27.6394

■ 77.0471, 76.0511,
103.8007

■ 46.4032, 62.0493,
21.2353

■ 79.9144, 77.4978,
105.3544

■ 43.7551, 60.7894,
16.3562

■ 82.6236, 78.8944,
105.4812

■ 41.4715, 59.6868,
12.8743

■ 85.1479, 80.1957,
105.5993

■ 39.5224, 58.7295,
10.6407

■ 37.8716, 57.9026,
9.4731

■ 37.1825, 57.5538,
9.1493

Harmonies

Analogous

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



65.0263, 68.8561, 54.0390



61.1206, 68.8561, 57.0829



58.4672, 68.8561, 64.8778

Triad

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



61.1206, 68.8561, 57.0829



61.8188, 68.8561, 97.6855



73.9061, 68.8561, 73.7753

Complementary

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



61.1206, 68.8561, 57.0829



54.3774, 52.9052, 75.7561

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.



72.9584, 68.8561, 86.0637



61.1206, 68.8561, 57.0829



65.8668, 68.8561, 100.7150

Square

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



61.1206, 68.8561, 57.0829



58.8579, 68.8561, 88.3697



69.9701, 68.8561, 96.2566



72.5074, 68.8561, 63.0029

Rectangle

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



61.1206, 68.8561, 57.0829



57.7031, 68.8561, 72.1558



69.9701, 68.8561, 96.2566



73.8515, 68.8561, 77.8618

Sweetspot

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



61.1224, 68.8591, 57.0844



91.4279, 98.3621, 98.3684



59.1914, 59.7632, 55.4305



19.4633, 21.0055, 20.7503



0.0000, 0.0000, 0.0000



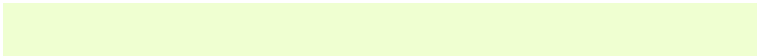
20.3446, 21.4041, 23.3091

Same Dimension

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



61.1224, 68.8591, 57.0844



82.8086, 94.4436, 74.2515



56.5919, 66.5235, 56.8724



13.6930, 15.0220, 13.9034



21.7259, 33.4976, 5.3206



1.4997, 2.2176, 0.3490

Inverse Universe

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



54.3774, 52.9052, 75.7561



72.0213, 68.9265, 104.1160



59.1134, 55.3466, 75.9777



12.7702, 12.8397, 16.4574



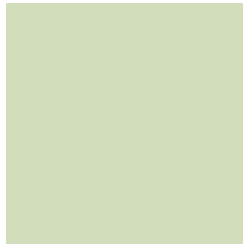
9.5194, 4.0316, 40.0149



0.7084, 0.3084, 2.5966

Previews

White Background



This preview shows how the XYZ color 61.1206, 68.8561, 57.0829 looks on a white background.

Color Contrast Check

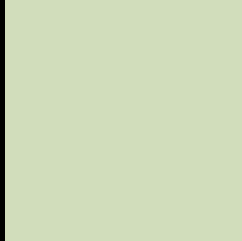
Large Text (above 18pt) WCAG AA × Fail

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 61.1206, 68.8561, 57.0829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

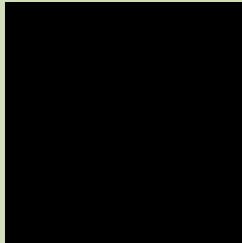
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

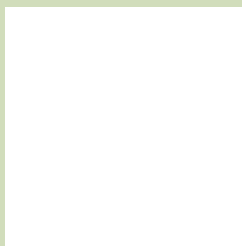
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.1206, 68.8561, 57.0829

Background



This preview shows how black text looks on a background with the XYZ color 61.1206, 68.8561, 57.0829.



This preview shows how white text looks on a background with the XYZ color 61.1206, 68.8561,

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

61.1206, 68.8561, 57.0829

Protanopia

64.8861, 68.9033, 55.2272

Deuteranopia

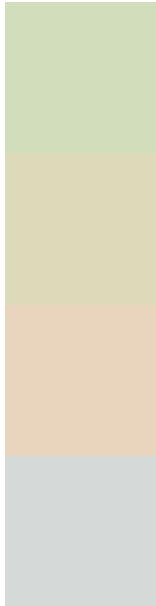
69.8562, 68.4223, 58.2402



Tritanopia

67.1848, 69.0260, 86.1263

Trichromacy



Original Color

61.1206, 68.8561, 57.0829

Protanomaly

63.3436, 68.8612, 55.8519

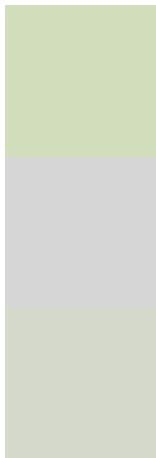
Deuteranomaly

66.5838, 68.5863, 57.8732

Tritanomaly

64.6481, 68.7297, 74.8246

Monochromacy



Original Color

61.1206, 68.8561, 57.0829

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

62.8633, 67.9824, 66.9354

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1206, 68.8561, 57.0829 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(209, 221, 187) looks like.

```
.text, #text, p{  
    color:rgb(209, 221, 187)  
}
```

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(209, 221, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 221, 187) }
```

Border

The CSS property to change the border of an element to XYZ 61.1206, 68.8561, 57.0829 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(209, 221, 187) }
```


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

```
.border{ border-color:rgb(209, 221, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 221, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 221, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 221, 187); box-shadow:4px 4px 4px 4px rgb(209, 221, 187) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1206, 68.8561, 57.0829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 221, 187) }
```

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

```
.background{ background-color: rgb(209,  
221, 187) }
```

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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