

Converting Colors

XYZ(62.0622, 68.4563, 67.0370)

Have a look what the booklet for
XYZ(62.0622, 68.4563, 67.0370)
contains.

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Color

**XYZ(61.9627, 68.2881,
67.0419)**

Conversions

Conversions Part 1

Format	Color
Hex	CFDBCC
RGB	207, 219, 204
RGB Percent	81%, 86%, 80%
CMY	0.1882, 0.1412, 0.2000
CMYK	0.05, 0.00, 0.07, 0.14
HSL	108°, 17%, 83%
HSV	108°, 7%, 86%
XYZ	61.9627, 68.2881, 67.0419
YIQ	213.7020, -2.3370, -7.2090

Conversions

Conversions Part 2

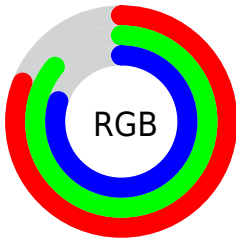
Format	Color
R_{YB}	204, 219, 216
Decimal	13622220
CIE _{Lab}	86.15, -6.76, 5.97
CIE _{LCh}	86, 9.020, 138.526
Yxy	68.2881, 0.3141, 0.3461
Android (android.graphics.Color)	4291812300 (0xFFCFDBCC)
YUV	213.7020, -4.7831, -5.8777
Hunter-Lab	82.6366, -10.7710, 9.7445

Details

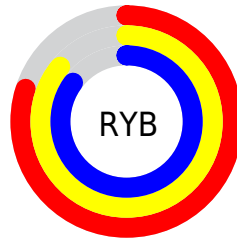
The XYZ color **61.9627, 68.2881, 67.0419** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.7008, 62.9011, 75.8579**, and the grayscale version is **63.7501, 67.0701, 73.0393**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.9173, 35.5252, 34.0290** is the 20% darker color. If you saturate the color by 10%, you get **54.8921, 64.9275, 53.9499**, and if you desaturate by 10%, it is **69.9499, 72.0824, 82.1077**.

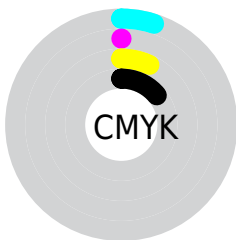
Distribution



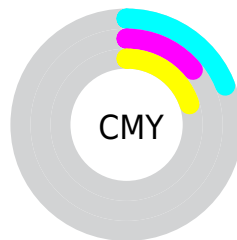
- Red (81%)
- Green (86%)
- Blue (80%)



- Red (80%)
- Yellow (86%)
- Blue (85%)



- Cyan (5%)
- Magenta (0%)
- Yellow (7%)
- Black (14%)



- Cyan (19%)
- Magenta (14%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.9627, 68.2881, 67.0419 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 61.9627, 68.2881, 67.0419 by changing the saturation by 10% instead.

■ 61.9627, 68.2881,
67.0419

■ 61.9627, 68.2881,
67.0419

421.5147,
454.5161, 468.5995

■ 45.2580, 50.1322,
48.6569

106.7619,
116.7642, 116.6217

■ 31.8629, 35.5184,
33.9837

135.5871,
147.8531, 148.6535

■ 21.4118, 24.0625,
22.6038

169.1832,
184.0219, 186.0713

■ 13.5395, 15.3800,
14.0987

207.9156,
225.6548, 229.2937

■ 7.8807, 9.0865,
8.0498

252.1496,
273.1362, 278.7391

■ 4.0698, 4.7976,
4.0386

302.2505,

■ 1.7417, 2.1290,

326.8507, 334.8262

1.6465

358.5838,
387.1825, 397.9735

■ 0.4822, 0.6809,
0.3237

■ 0.0000, 0.0000,
0.0000

■ 61.9627, 68.2881,
67.0419

■ 61.9627, 68.2881,
67.0419

■ 54.8921, 64.9275,
53.9499

■ 69.9499, 72.0824,
82.1077

■ 48.6993, 61.9766,
42.7457

■ 78.8792, 76.3162,
99.2197

■ 43.3513, 59.4222,
33.3436

■ 84.6229, 79.1458,
105.4243

■ 38.8106, 57.2470,
25.6494

■ 35.0371, 55.4325,
19.5604

■ 31.9867, 53.9585,
14.9629

■ 29.6109, 52.8029,
11.7285

■ 27.8547, 51.9405,
9.7067

■ 26.6518, 51.3413,
8.7032

Harmonies

Analogous

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



63.6466, 68.2881, 64.0396



61.9627, 68.2881, 67.0419



61.0745, 68.2881, 72.1046

Triad

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



61.9627, 68.2881, 67.0419



64.1155, 68.2881, 86.1212



68.7620, 68.2881, 70.7831

Complementary

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



61.9627, 68.2881, 67.0419



62.7008, 62.9011, 75.8579

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.



68.8940, 68.2881, 76.6499



61.9627, 68.2881, 67.0419



66.1815, 68.2881, 85.7207

Square

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



61.9627, 68.2881, 67.0419



62.2997, 68.2881, 83.2463



67.9406, 68.2881, 82.1796



67.5836, 68.2881, 66.1189

Rectangle

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



61.9627, 68.2881, 67.0419



61.0403, 68.2881, 76.0607



67.9406, 68.2881, 82.1796



68.9311, 68.2881, 72.6733

Sweetspot

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



61.9646, 68.2910, 67.0434



92.7543, 98.9101, 104.5632



64.6713, 68.5346, 66.9478



19.8773, 21.1823, 22.4262



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.



61.9646, 68.2910, 67.0434



86.1857, 95.7898, 92.2414



61.6823, 68.0822, 69.8895



13.1284, 14.7309, 13.8770



15.7022, 30.3923, 5.0387



1.0880, 2.0054, 0.3297

Inverse Universe

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



62.7008, 62.9011, 75.8579



87.3994, 86.9026, 106.7752



63.0104, 63.1282, 72.8204



13.3461, 13.1365, 16.4843



18.1849, 8.4988, 40.4204



1.2443, 0.5847, 2.6217

Previews

White Background



This preview shows how the XYZ color 61.9627, 68.2881, 67.0419 looks on a white background.

Color Contrast Check

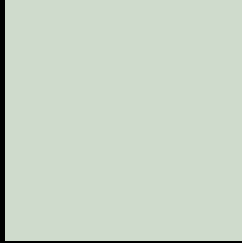
Large Text (above 18pt) WCAG AA × Fail

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 61.9627, 68.2881, 67.0419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

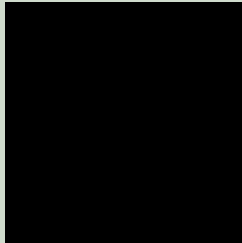
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

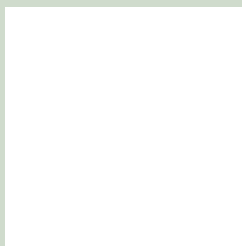
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.9627, 68.2881, 67.0419

Background



This preview shows how black text looks on a background with the XYZ color 61.9627, 68.2881, 67.0419.

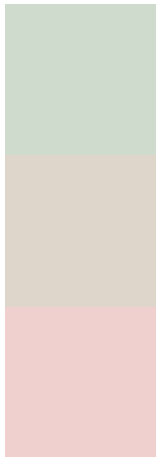


This preview shows how white text looks on a background with the XYZ color 61.9627, 68.2881,

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

61.9627, 68.2881, 67.0419

Protanopia

64.8314, 67.8870, 65.5636

Deuteranopia

69.2931, 67.9187, 67.8500



Tritanopia

65.7299, 68.2760, 86.0582

Trichromacy



Original Color

61.9627, 68.2881, 67.0419

Protanomaly

63.9506, 68.1752, 66.2885

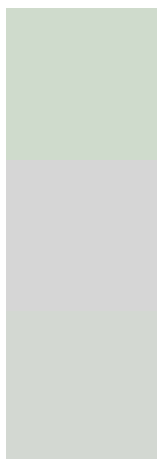
Deuteranomaly

66.2415, 67.8256, 67.3580

Tritanomaly

64.3190, 68.0873, 78.8594

Monochromacy



Original Color

61.9627, 68.2881, 67.0419

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

63.0527, 67.6138, 70.7003

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9627, 68.2881, 67.0419 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, 219, 204) looks like.

```
.text, #text, p{  
    color:rgb(207, 219, 204)  
}
```

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, 219, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 219, 204) }
```

Border

The CSS property to change the border of an element to XYZ 61.9627, 68.2881, 67.0419 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, 219, 204) }
```


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

```
.border{ border-color:rgb(207, 219, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 219, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 219, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 219, 204);  
box-shadow:4px 4px 4px 4px rgb(207, 219,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9627, 68.2881, 67.0419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 219, 204) }
```

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

```
.background{ background-color: rgb(207,  
219, 204) }
```

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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